CHIORINO®
1906
Passion for belting

Product **catalogue**

Belting solutions
to move the world
around you

Index

Chiorino Group

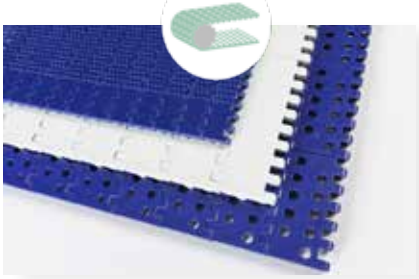
CHIORINO is a global leader in lightweight belting solutions, engineering innovative, high-performing, safe & sustainable products for any market. With strong customization capabilities and an extensive worldwide presence, CHIORINO is able to deliver fast service and tailor-made solutions to meet the most demanding needs across all industries.

360° product portfolio

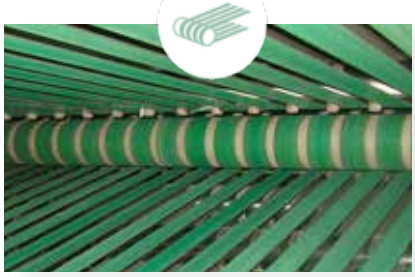
Chiorino produces a 360° portfolio of innovative belting solutions engineered to enhance productivity, efficiency, safety, hygiene, and energy saving. Non-stop R&D activity ensures cutting-edge materials and technologies, meeting evolving customer demands with reliable, sustainable, and customized products for every application.

Conveyor and process belts

Homogeneous and drive belts



Plastic Modular Belts



Machine tapes

Power transmission belts

Timing belts

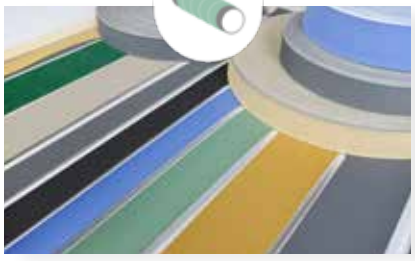
Polyurethane round and V-belts

Profiles, guides

Sidewalls

Seamless belts

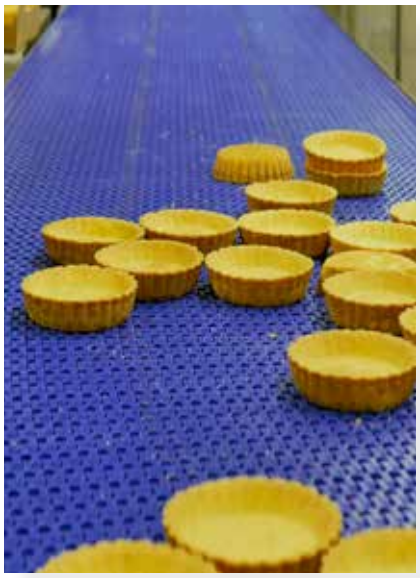
Elastomer and silicone sheeting



Roller coverings

Modular belts
division

In 2021 Chiorino acquired Safari Belting Systems, a leading U.S. manufacturer of plastic modular belts and a trusted supplier to major food processors. This acquisition allows Chiorino to offer a fully integrated product portfolio, with superior solutions for demanding applications across various industries. ULTRA TUFF™ is the modular belts benchmark in the food industry, delivering exceptional performance while optimizing total cost of ownership.

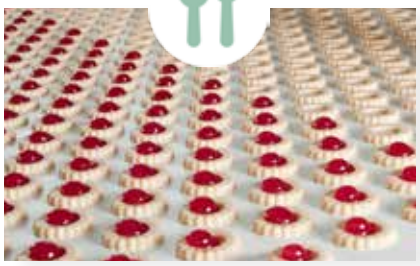


Fabric belts
complementary division

In 2024, Chiorino acquired Ziligen, a specialized manufacturer of PVC conveyor belts for agrofood, marble & ceramics, wood, and textile sectors. This strategic acquisition has further strengthened Chiorino's leadership in the light-weight belting market, expanding its product portfolio, technical capabilities, and reinforcing fast, reliable, and customer-focused service across multiple industries.

Your market, our expertise

Chiorino designs versatile belting solutions that meet demanding market drivers like industry 4.0, robotization, food safety, and sustainability. The versatile R&D and manufacturing capabilities supports unlimited industries, offering high-performance, durable products tailored to diverse needs.



Food

Packaging

Paper and Printing

Intralogistics

Airports

Textile

Raw Materials

Recycling

Sports

Cutting & Punching

Automotive & Tyre

More Industries
(Mechanical, Chemical, Pharmaceutical, Industrial laundries, Photovoltaic etc.)

Certified value

Driven by excellence, rooted in sustainability. Chiorino certified Product, Process & Management Systems reflect unwavering quality, hygiene & safety and environmental care—building trust, protecting the planet and delivering innovation Customers can rely on.

COMPANY CERTIFICATIONS

- **UNI EN ISO 9001:2015 - Quality Management System**
- **UNI EN ISO 14001:2015 - Environmental Management System**
- **UNI ISO 45001:2018 - Environmental Management System**
- **ISO 50001:2018 - Energy Management System**
- **EMAS - Eco-Management and Audit Scheme**
- **AEO CUSTOMS - Authorised Economic Operator**

PRODUCT CERTIFICATIONS

- **Regulation EC 1935/2004**
- **Regulation EC 2023/2006**
- **Regulation EU 10/2011**
- **Regulation EU 2024/3190**
- **Regulation EU 2025/351**
- **Regulation EU 528/2012**
- **FDA**
- **NSF/ANSI 3-A 14159-3**
- **USDA**
- **HALAL (World Halal Authority)**
- **VEGAN (V-Label International)**

Committed to sustainability

CHIORINO is committed to sustainability through eco-friendly & energy-efficient solutions that reduce the environmental impact and increase safety, in full compliance with the stricter international environmental standards. Continuous innovation supports Customers' sustainability goals, making CHIORINO a responsible partner in building a greener future.

Water saving

Energy saving

Reduction of waste

Efficiency and long life

TCO optimisation

Environmental Friendly

Risk management

Service always & everywhere

Chiorino operates across the world through an extensive network of Group companies and distributors. The strong local presence ensures vast expertise and qualified assistance, fast fitting services and close customer proximity worldwide

24
Group Companies
including 1 JV

3
Manufacturing sites

40+
Fabrication plants

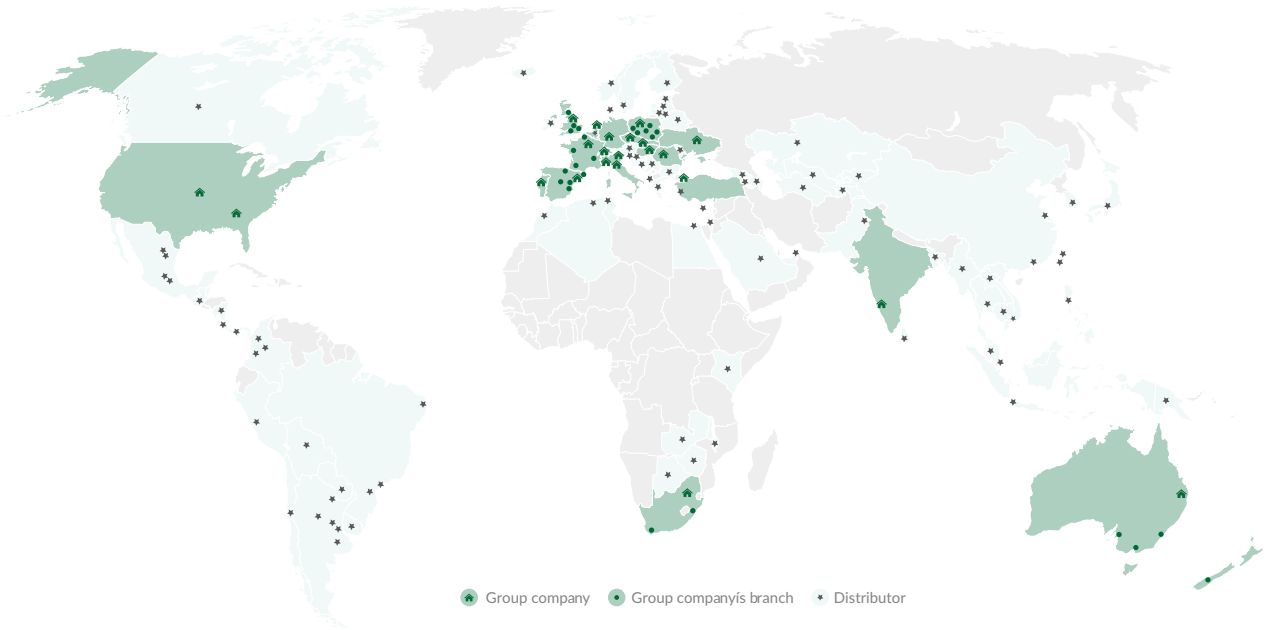
100+
Distributors

Customer proximity

Engineering consultancy

Quick deliveries

24/7
On-site fitting & service



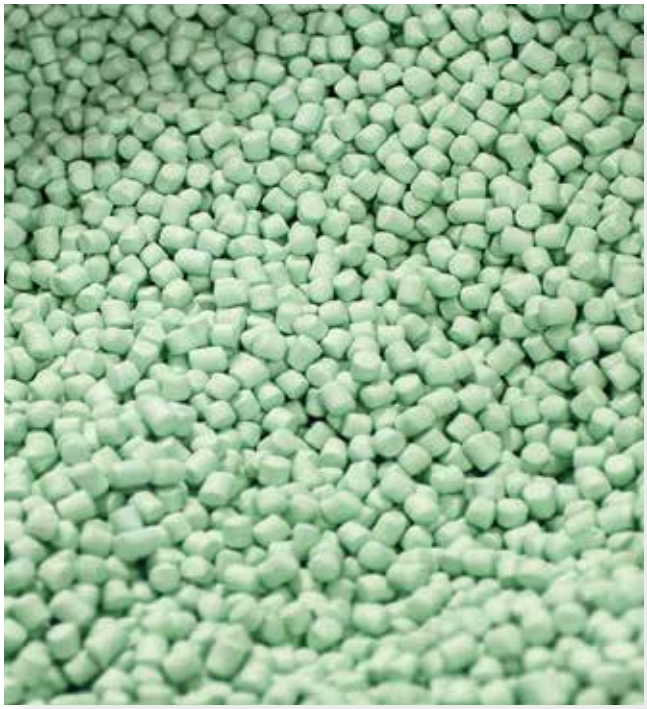
Chiorino operates all over the world in 100+ Countries
through Group companies and Distributors.
More info on www.chiorino.com

CONVEYOR & PROCESS BELTS

Smart. Efficient. Safe. Tailored to your needs

Advanced and versatile manufacturing capabilities allow Chiorino to design and produce an exceptionally wide range of belting solutions, tailored to any application for outstanding sustainable performances in compliance with European and international regulations.

From calendaring and coating, to lamination, injection and extrusion, Chiorino in-house technologies enable full control over the entire production process, ensuring high customization and superfast development of solutions for complex & highly specialized Customer requirements.



Engineered Materials for High-Performance Belting

Chiorino combines the advanced industrial capabilities with a continuous R&D activity to process and engineer a wide range of thermoplastic or elastomeric materials and high performing fabrics.

- **Polyurethane (TPU)**
- **Polyvinyl chloride (PVC)**
- **Polyolefins (TPO)**
- **Elastomers**
- **Silicone**
- **Non woven**

Food safety & hygiene

Chiorino food belting solutions feature a hygienic design that ensures effective cleanability and excellent safety & hygiene, setting the benchmark for industry standards in any food processing.

BEST HYGIENIC BELT FOR HACCP

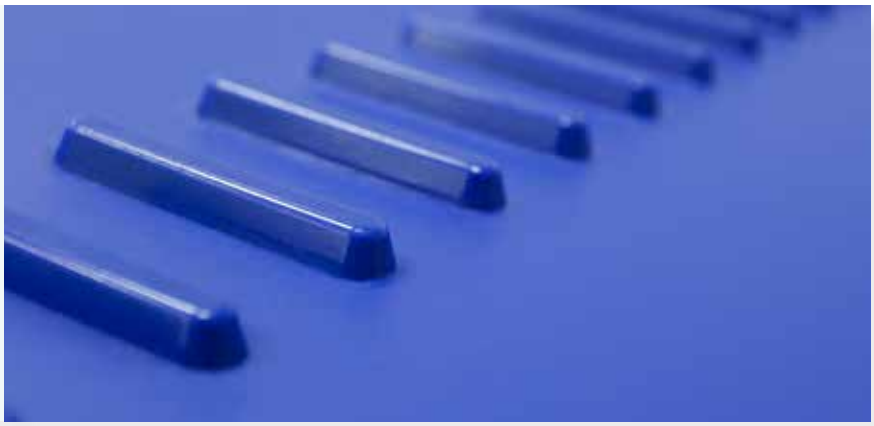
An outstanding balance of engineering, design and performance makes the HP® a unique belting range that fully supports the HACCP procedures.

UNIQUE ANTIMICROBIAL BACTERIOSTATIC BELT

HP® AM Antimicrobial belts are a breakthrough for food safety & hygiene. They help prevent bacterial growth on the belt surface.

ANTIMICROBIAL HOMOGENEOUS & DRIVE BELTS

HP® Compact Drive AM belts deliver superior antimicrobial, cleanability and self-tracking features. Also available for small diameters.



Risk mitigation

Chiorino food-grade detectable belts are designed to minimize the risk of foreign material contamination. Easily identified by metal detectors or X-ray systems, they enhance safety and quality control.

FXD™ AM

DUAL DETECTABLE & ANTIMICROBIAL

Chiorino FXD™ is the only food grade belting range that combines Metal & X-Ray detectability with unique antimicrobial properties.

DET®

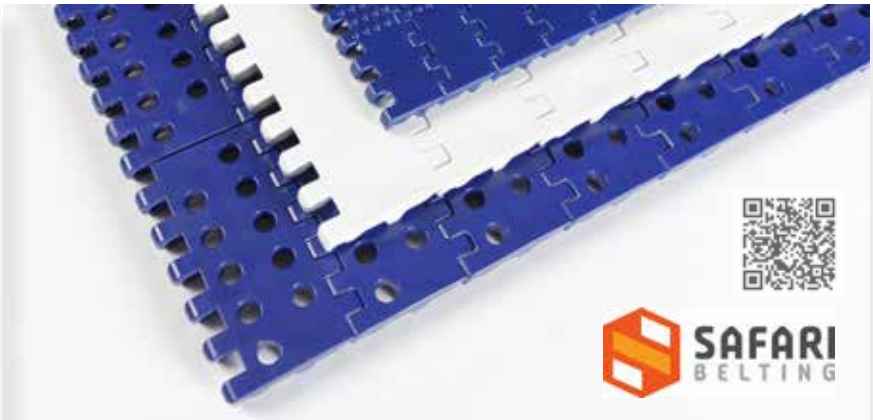
HIGHEST METAL DETECTABILITY

The exclusive DET™ TPU belt is recognized in very small particles by the metal detectors used in food processing & packaging, increasing food safety.

ULTRA-TUFF™

THE TROUBLE-FREE MODULAR BELT

ULTRA-TUFF™ is the ideal solution where high impact resistance, chemical resistance, optimal coefficient of friction and heat resistance are required.



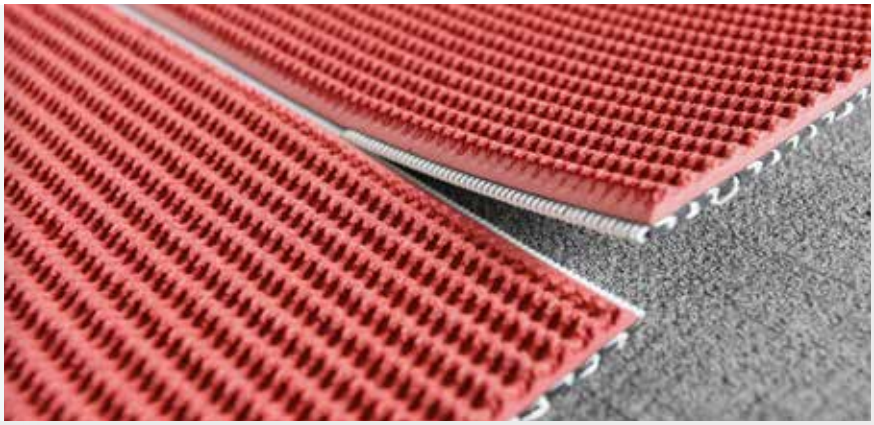
Enhancing efficiency

Chiorino belts boost efficiency through exceptional abrasion & chemical resistance, quick & easy replacement, long service life, ensuring reliable & high-performance operation in demanding industrial environments.

CHIOLINK™

QUICK SPLICE HIGH PERFORMANCE BELTS

CHIOLINK™ minimizes downtime increasing production efficiency. It can be made endless onsite very quickly and safely.



HS®

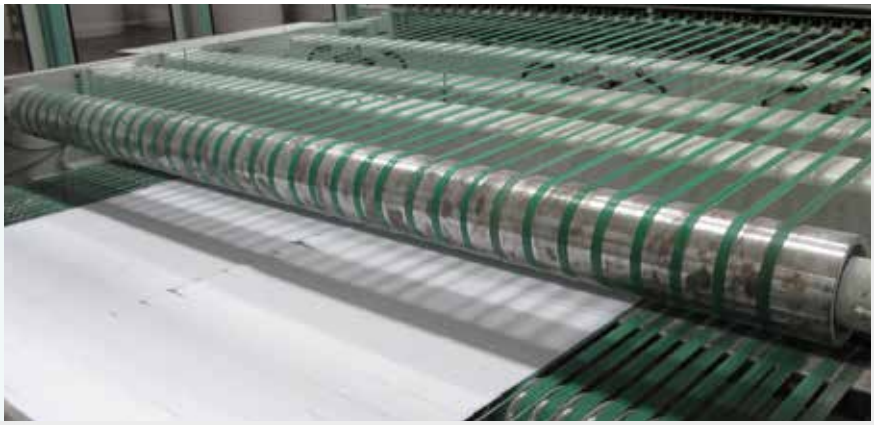
OUTSTANDING RESISTANCE & DURABILITY

HS® elastomers offer excellent chemical & abrasion resistance and uniform coefficient of friction, combined with outstanding resilience and extended service life.

PT®

FAST JOINT THERMOPLASTIC MACHINE TAPES

PT® fast-joint thermoplastic machine tapes are designed to offer excellent flexibility, chemical and temperature resistance, reducing energy consumption.



Optimized TCO

Chiorino belting solutions optimize the total cost of ownership by reducing maintenance and downtime, waste and energy consumption, while enhancing operational efficiency and sustainability.

HYPERCLEAN®

OUTSTANDING RELEASE PROPERTIES

HYPERCLEAN® polyolefin belts are the ultimate solution for excellent release of sticky food, confectionery and chocolate, reducing waste and cleaning procedures.

e+®

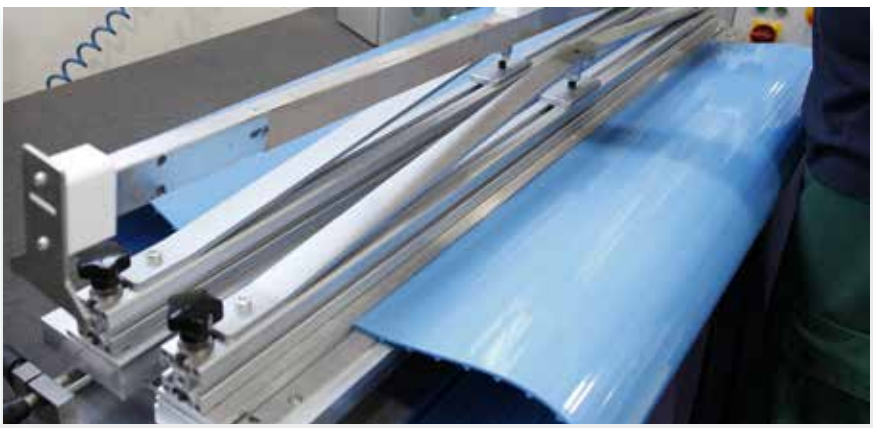
ENERGY SAVING CONVEYOR BELTS

e+ belts are engineered to reduce the coefficient of friction against the slider bed and enhance longitudinal flexibility, reducing energy consumption and noise generation.

PRODRIVE™

EASY TO CLEAN. EASY TO FIT. EASY TO RUN.

PRODRIVE™ monolithic thermoplastic TPU positive drive belts are designed for food processing where high hygiene levels & quick installation are required.



Sealed Edges
PRO CHLEAN™

TOTAL SAFETY & PROTECTION

Chiorino belts can be supplied with sealed edges that fully comply with the latest European and international Food Regulations.

PRO CHLEAN™ Sealed Edges can be made either on monoply or multiply conveyor belts.

Key Features

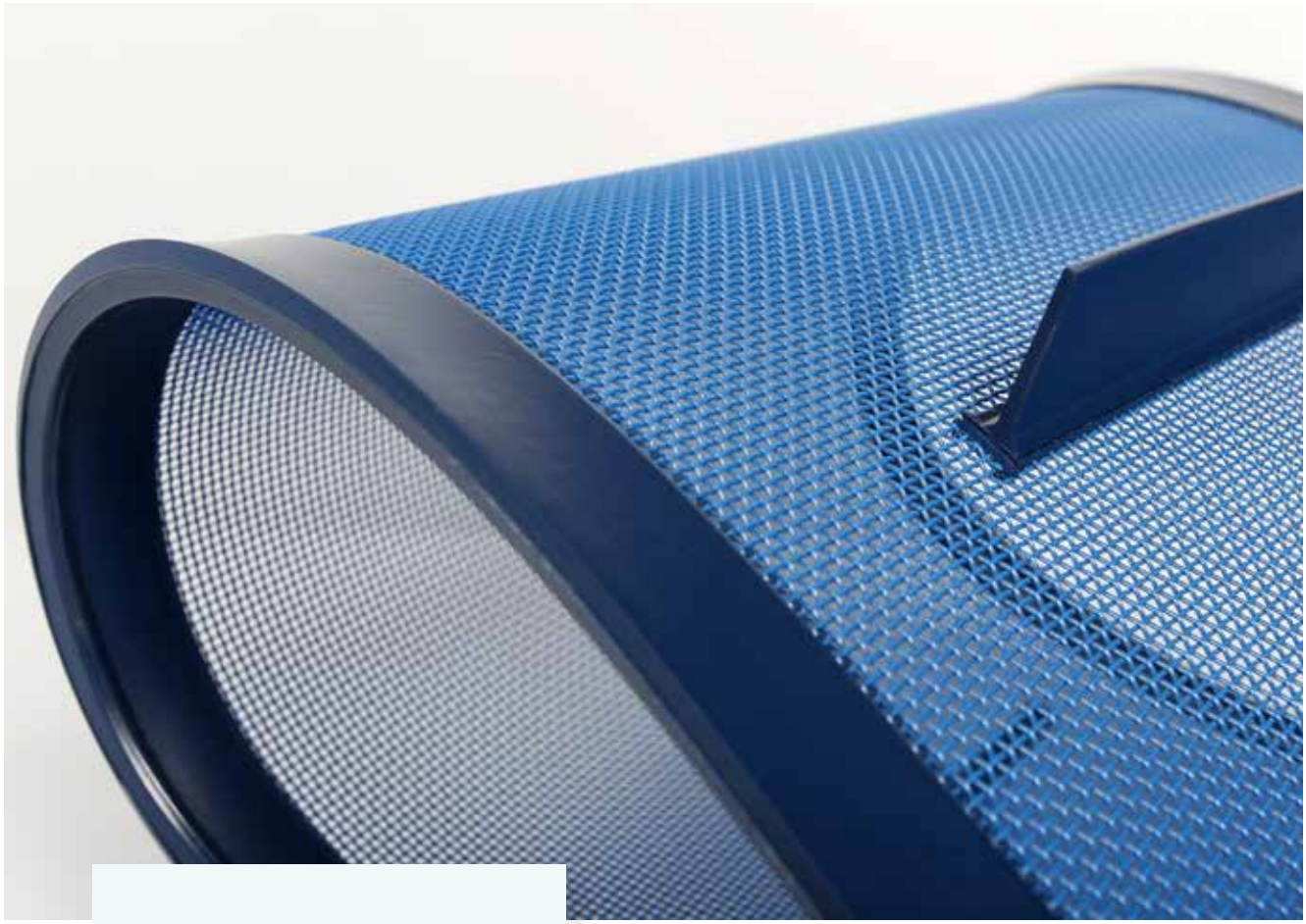
- Total Food Safety and Hygiene
- Ideal for clean in place systems
- Knife edge running

Main applications

- Meat, Poultry, Seafood
- Dairy
- Bakery & Confectionery

Mesh Belts

DET®



PREVENTING FOREIGN MATERIAL CONTAMINATION

Chiorino DET® mesh belts guarantee full metal detectability of sealed edges, guides and profiles.

The wide choice of permeabilities is ideal for any food product size and application.

Key Features

- Highest detectability of the DET® TPU
- Ideal for clean in place systems
- Excellent mechanical & chemical resistance

Main applications

- Fruits & Vegetables processing: Washing, Draining, Drying, Cooling etc.

Curve belts

Hyper-Customized

360° BELT DESIGN

Chiorino manufactures curve belts with no limitations on external radius or angle, offering custom solutions up to 360°.

They provide precise tracking and durability, ensuring smooth & reliable transport in complex industrial layouts.

Key Features

- No limits on external radius
- Excellent transfer precision
- Long service life

Main applications

- Food
- Packaging
- Intralogistics & Airports

Perforated belts

For vacuum application

CUSTOMIZED PRECISION

Chiorino conveyor belts for vacuum applications are engineered for optimal performance, offering durable, precision-engineered solutions.

Designed to meet specific needs, they can be manufactured to customer drawings.

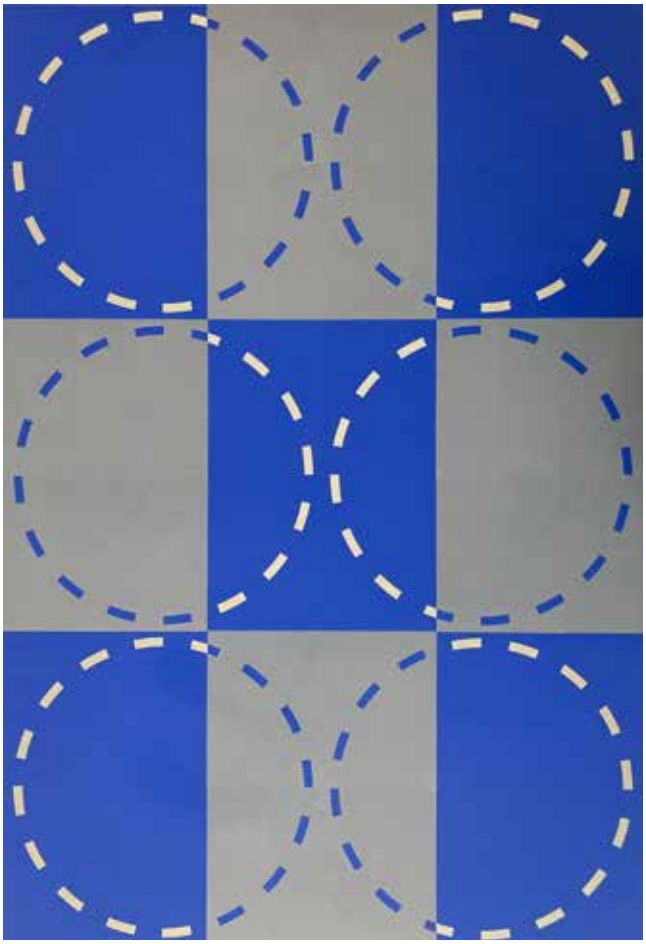
Key Features

- Round and slotted holes or by Customer design
- Non-fraying
- Long service life

Main applications

- Hygiene industry
- Cardboard & Packaging
- Textile

4.0 INDUSTRY Smart marking for a smarter production



PROPRIETARY MARKING TECHNOLOGY

Chiorino Marking Technology meets the requirements of the Industry 4.0 where traceability, automation, efficiency and costs optimization is strategic.

It is the ideal solution to customize conveyors and process belts with any kind of drawings, QR codes and logos.

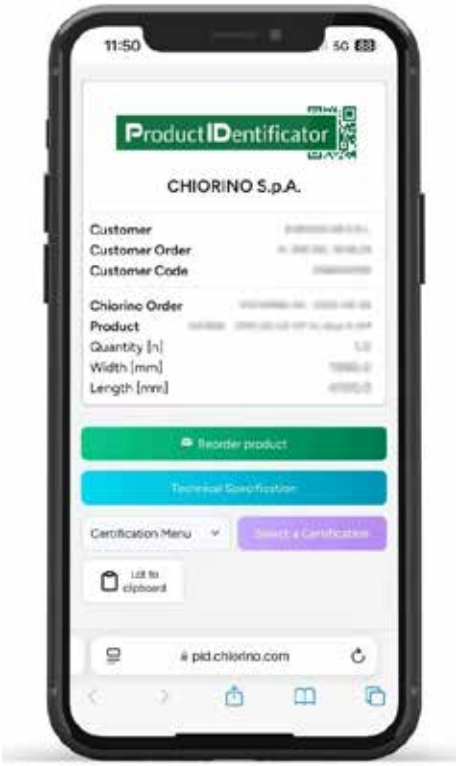
Key Features

- Perfect automatic or manual product positioning
- Multiple products in a single production line
- Help operators with product identification
- Food Compliant

Main applications

- Food
- Packaging
- Intralogistics & Airports

4.0 INDUSTRY Shaping the future of integrated belting solutions



SMART BELT

Chiorino Smart Belt revolutionizes conveyor belt management by providing essential belt information which support the Customer's operations and business.

- **Authenticity guaranteed**
- **Complete belt information**
- **Reordering simplified**
- **Facilitated maintenance**

PID
PRODUCT IDENTIFICATOR

Chiorino PID platform provides Smart & Easy maintenance & purchasing operations.

- **Efficient & smooth reordering**
- **Supports audits & preventive maintenance**
- **Provide a quick access to belt data sheets, certifications etc.**

PRODUCTION
PROGRAM

CONVEYOR & PROCESS BELTS

Type	Conveying surface material	Colour	Total thickness mm	Knife edge min. radius [1] mm	Bending pulley min. diameter [1] mm	Counter-bending pulley min. diameter [1] mm	Pull at 1% elongation [2] N/mm	Max. admissible pull N/mm	Temperature resistance min. / max [3] °C		Coefficient of friction [4]	Max. production width mm	Code
EL2-U10 HP W	TPU HP®	white	1 .00	-	10	15	2	2	-30	60	MF	2000	NA790
EL3-U15 HP PN blue	TPU HP®	blue HP®	1.50	-	10	15	3	3	-30	60	MF	2000	NA1089
EL4-U20 HP blue	TPU HP®	blue HP®	2 .00	-	10	15	4	4	-30	60	MF	2000	NA899
1EL4 U0-U2 HP blue A	TPU HP®	blue HP®	1.30	5	8	16	0.5	4	-30	110	MF	2000	NA1647
1M5 U0-U2 HP D W A	TPU HP®	white	0.70	3	6	16	5	5	-20	100	HF	2000	NA949
1M5 U0-U2 HP D LF W A	TPU HP®	white	0.90	3	6	16	5	5	-20	100	LF	2000	NA1235
1M5 U0-U2 HP VL blue A	TPU HP®	blue HP®	0.70	3	6	16	5	5	-30	110	MF	2100	NA947
1M5 U0-U2 HP W A	TPU HP®	white	0.70	3	6	16	5	5	-30	110	MF	2100	NA948
1M5 U0-U2 HP W S A	TPU HP®	white	0.70	3	6	16	5	5	-30	110	HF	2100	NA946
1M5 U0-U2 HP blue S A	TPU HP®	blue HP®	0.70	3	6	16	5	5	-30	110	HF	2100	NA1052
1M5 U0-U2 HP W	TPU HP®	white	0.70	3	6	16	5	5	-30	110	MF	2100	NA1411
1M5 U0-U2 HP VL blue	TPU HP®	blue HP®	0.70	3	6	16	5	5	-30	110	MF	2100	NA1212
1M5 U0-U2 HP PPL blue A	TPU HP®	blue HP®	1.00	3	6	16	5	5	-30	110	MF	2000	NA1509
1M5 U3-U3 HP FL/FM W	TPU HP®	white	1.40	-	10	15	5	5	-30	110	MF	2000	NA1191
1T6 U0-U2 HP W A	TPU HP®	white	0.80	4	8	16	6	6	-30	110	MF	2100	NA983
1M12 U0-U3 HP PN N S	TPU HP®	black	1.50	6	12	30	8	12	-30	110	HF	2000	NA868
2M5 U0-U2 HP VL blue	TPU HP®	blue HP®	1.30	4	8	16	5	10	-30	110	MF	2100	NA1410
2M5 U0-U2 HP D W A	TPU HP®	white	1.30	4	8	16	6	12	-20	100	HF	2000	NA1160
2M5 U0-U2 HP D LF W A	TPU HP®	white	1.30	4	8	16	6	12	-20	100	LF	2000	NA1234
2M5 U0-U15 HP ST W A	TPU HP®	white	3.50	-	50	100	5	10	-30	110	MF	2000	NA1087
2M5 U0-U0 HP A	TPU HP®[5]	white	1.00	4	8	16	6	12	-30	110	LF	2100	NA716
2MT6 U0-0 HP	Cotton	natural	1.50	4	8	16	6	12	-30	100	LF	2000	NA1041
2M5 U0-U0 HP blue A	TPU HP®[5]	light blue	1.00	4	8	16	6	12	-30	110	LF	2000	NA1057
2MT6 U0-0 HP E/C	Cotton-PET	natural	1.50	4	8	16	6	12	-30	100	LF	2000	NA1215
2M5 U0-U2 HP W A	TPU HP®	white	1.30	4	8	16	6	12	-30	110	MF	2100	NA789
2M5 U0-U2 HP PN W A	TPU HP®	white	1.60	4	8	16	6	12	-30	110	MF	2100	NA842
2M5 U0-U2 HP VL blue A	TPU HP®	blue HP®	1.30	4	8	16	6	12	-30	110	MF	2100	NA786
2M5 U0-U2 HP PN blue A	TPU HP®	blue HP®	1.60	4	8	16	6	12	-30	110	MF	2100	NA811
2M5 U0-U2 HP W S A	TPU HP®	white	1.30	4	8	16	6	12	-30	110	HF	2100	NA913
2M5 U2-U2 HP VL blue A	TPU HP®	blue HP®	1.50	-	10	30	6	12	-30	110	MF	2100	NA851
2M5 U0-U2 HP blue S A	TPU HP®	blue HP®	1.30	4	8	16	6	12	-30	110	HF	2100	NA1054

Type	Conveying surface material	Colour	Total thickness mm	Knife edge min. radius [1] mm	Bending pulley min. diameter [1] mm	Counter-bending pulley min. diameter [1] mm	Pull at 1% elongation [2] N/mm	Max. admissible pull N/mm	Temperature resistance min. °C	Temperature resistance max. [3] °C	Coefficient of friction [4]	Max. production width mm	Code
2M5 U0-U2 HP W	TPU HP®	white	1.30	4	8	16	6	12	-30	110	MF	2100	NA567
2M5 U0-U2 HP blue A	TPU HP®	blue HP®	1.30	4	8	16	6	12	-30	110	MF	2100	NA1067
2M5 U0-U7 HP LG blue S A	TPU HP®	blue HP®	1.80	-	10	30	6	12	-30	110	HF	2000	NA1193
2M5 U0-U8 HP CC blue	TPU HP®	blue HP®	2.90	-	10	30	6	12	-30	110	HF	800	NA1130
2M5 U0-U8 HP STL blue	TPU HP®	blue HP®	2.40	-	15	30	6	12	-30	110	HF	2000	NA1324
2T12 U0-U2 HP VL W A	TPU HP®	white	1.60	6	12	50	12	24	-30	110	MF	2100	NA992
2T12 U0-U2 HP VL blue A	TPU HP®	blue HP®	1.60	6	12	50	12	24	-30	110	MF	2000	NA1113
2T12 U3-U3 HP VL blue A	TPU HP®	blue HP®	1.90	-	40	60	12	24	-30	110	MF	2000	NA1208
2M12 U0-U15 HP LT blue A	TPU HP®	blue HP®	6.00	-	50	80	12	24	-30	110	MF	800	NA1394
3M8 U0-U5 HP W A	TPU HP®	white	2.30	-	60	100	10	20	-30	110	MF	2000	NA1020
3M8 U0-U5 HP blue A	TPU HP®	blue HP®	2.30	-	60	100	10	20	-30	110	MF	2000	NA1083
		HP AM [10]											
EL2-U10 HP blue AM	TPU HP®	blue HP®	1.00	-	10	15	2	2	-30	60	MF	2000	NA2693
EL3-U15 HP PN blue AM	TPU HP®	blue HP®	1.50	-	10	15	3	3	-30	60	MF	2000	NA2712
EL3-U15 HP blue AM	TPU HP®	blue HP®	1.50	-	10	15	3	3	-30	60	LF	2000	NA2694
1M5 U0-U2 HP VL blue A AM	TPU HP®	blue HP®	0.70	3	6	16	5	5	-30	110	MF	2100	NA2690
1M5 U0-U2 HP blue A AM	TPU HP®	blue HP®	0.70	3	6	16	5	5	-30	110	MF	2100	NA2691
1M5 U3-U3 HP FL/FM W AM	TPU HP®	white	1.40	-	10	15	5	5	-30	110	MF	2000	NA2708
1DM8 U0-U2 HP W A AM	TPU HP®	white	1.35	4	8	16	8	16	-30	110	MF	2100	NA2697
2M5 U0-U0 HP blue A AM	TPU HP®[5]	light blue	1.00	4	8	16	6	12	-30	110	LF	2100	NA2714
2M5 U0-U0 HP A AM	TPU HP®[5]	white	1.00	4	8	16	6	12	-30	110	LF	2100	NA2709
2M5 U0-U2 HP VL blue A AM	TPU HP®	blue HP®	1.30	4	8	16	6	12	-30	110	MF	2100	NA2669
2M5 U0-U2 HP blue A AM	TPU HP®	blue HP®	1.30	4	8	16	6	12	-30	110	MF	2100	NA2692
2M5 U0-U2 HP W S A AM	TPU HP®	white	1.30	4	8	16	6	12	-30	110	HF	2100	NA2710
2M5 U2-U2 HP PN blue AM	TPU HP®	blue HP®	1.85	-	15	30	6	12	-30	110	MF	2000	NA2715
2M5 U0-U2 HP blue S A AM	TPU HP®	blue HP®	1.30	4	8	16	6	12	-30	110	HF	2100	NA2717
2M5 U0-U2 HP W A AM	TPU HP®	white	1.30	4	8	16	6	12	-30	110	MF	2100	NA2719
2M5 U0-U2 HP W AM	TPU HP®	white	1.30	4	8	16	6	12	-30	110	MF	2100	NA2722
2M5 U0-U3 HP EN blue A AM	TPU HP®	blue HP®	1.60	4	8	16	6	12	-30	110	HF	2100	NA2698
2M5 U0-U8 HP CC blue AM	TPU HP®	blue HP®	2.90	-	10	30	6	12	-30	110	HF	800	NA2713
2M5 U0-U8 HP STL blue A AM	TPU HP®	blue HP®	2.40	-	10	30	6	12	-30	110	HF	2000	NA2711
2M5 U3-U15 HP FM/ST blue AM	TPU HP®	blue HP®	4.00	-	60	100	6	12	-30	110	MF	2000	NA2707

Type	Conveying surface material	Colour	Total thickness mm	Knife edge min. radius [1] mm	Bending pulley min. diameter [1] mm	Counter-bending pulley min. diameter [1] mm	Pull at 1% elongation [2] N/mm	Max. admissible pull N/mm	Temperature resistance min. / max [3] °C		Coefficient of friction [4]	Max. production width mm	Code
HYPERCLEAN®													
1DT8 U0-O2 HY RA blue A	TPO	blue	1.20	3	6	16	8	8	-40	80	MF	1600	NA1793
2MT4 O0-O2 HY blue A	TPO	blue	1.10	3	6	16	4	8	-40	80	LF	1600	NA2628
2MT4 O0-O2 HY HR blue A	TPO	blue	1.20	3	6	16	4	8	-40	80	LF	1600	NA1734
2MT4 O0-O2 HY W A	TPO	white	1.10	3	6	16	4	8	-40	80	LF	1600	NA2629
2M6 U0-O2 HY GS W A	TPO	white	1.40	4	20	25	6	12	-40	80	HF	1600	NA1796
2M6 U0-O2 HY W A	TPO	white	1.40	4	20	25	6	12	-40	80	LF	1600	NA1741
2M8 O0-O4 HY GS W A	TPO	white	2.00	-	30	40	8	16	-40	80	HF	2000	NA1721
2M8 O0-O4 HY W A	TPO	white	2.00	-	30	40	8	16	-40	80	LF	2000	NA1677
DET®													
EL4-U20 blue DET	TPU	dark blue	2.00	-	10	15	4	4	-30	60	MF	2000	NA1379
EL6-U30 blue DET	TPU	dark blue	3.00	-	20	40	6	6	-30	60	MF	2000	NA1323
1M5 U0-U2 blue DET	TPU	dark blue	0.80	4	8	16	5	5	-30	100	MF	2000	NA1558
2M5 U0-U0 blue DET	TPU[6]	dark blue	1.00	4	8	16	5	10	-30	100	LF	2000	NA1565
2M5 U0-U2 blue DET	TPU	dark blue	1.30	4	8	16	5	10	-30	100	MF	2100	NA1373
2M5 U0-U2 PN blue DET	TPU	dark blue	1.60	4	8	16	5	10	-30	100	MF	2000	NA1427
2MT5 U0-U2 blue DET	TPU	dark blue	1.40	4	8	16	5	10	-30	100	MF	2000	NA1474
2M5 U0-U15 ST blue DET	TPU	dark blue	3.50	-	50	100	5	10	-30	100	MF	2000	NA1564
2T12 U0-U2 blue DET	TPU	dark blue	1.60	-	25	50	12	24	-30	100	MF	2100	NA1374
2M12 U0-U15 LT blue DET	TPU	dark blue	6.00	-	80	100	12	24	-30	100	MF	800	NA1526
FXD™													
1M5 U0-U2 FXD	TPU	silver	0.75	4	8	16	5	5	-20	100	MF	2000	NA1590
1M5 U0-U2 FXD VL	TPU	silver	0.75	4	8	16	5	5	-20	100	LF	2000	NA1598
1T6 U0-U2 FXD	TPU	silver	0.80	4	8	16	6	6	-20	100	MF	2000	NA1606
2M5 U0-U2 FXD	TPU	silver	1.30	4	8	16	6	12	-20	100	MF	2000	NA1591
2M5 U0-U2 FXD VL	TPU	silver	1.30	4	8	16	6	12	-20	100	LF	2000	NA1599
FXD™ AM [10]													
1M5 U0-U2 FXD AM	TPU	silver	0.75	4	8	16	5	5	-20	100	MF	2100	NA2749
1M5 U0-U2 FXD VL AM	TPU	silver	0.75	4	8	16	5	5	-20	100	LF	2100	NA2750
2MT4 O0-O2 HY FXD AM	TPO	silver	1.10	3	6	16	4	8	-40	80	LF	1600	NA2753
2M5 U0-U2 FXD AM	TPU	silver	1.30	4	8	16	6	12	-20	100	MF	2100	NA2751
2M5 U0-U2 FXD blue AM	TPU	blue	1.30	4	8	16	6	12	-20	100	MF	2100	NA2754
2M5 U0-U2 FXD VL AM	TPU	silver	1.30	4	8	16	6	12	-20	100	LF	2100	NA2752
FD™													
2MT12 U0-U3 FD2.3	TPU	light blue	2.30	-	60	100	12	24	-10	80	MF	2000	NA1325
2T12 U0-U3 FD2.5	TPU	light blue	2.50	-	50	80	12	24	-10	80	MF	2000	NA1333
2T12 V5-U3 FD2.8	TPU	light blue	2.80	-	80	120	12	24	-10	80	MF	2000	NA1332

Type	Conveying surface material	Colour	Total thickness mm	Knife edge min. radius [1] mm	Bending pulley min. diameter [1] mm	Counter-bending pulley min. diameter [1] mm	Pull at 1% elongation [2] N/mm	Max. admissible pull N/mm	Temperature resistance min. / max [3] °C		Coefficient of friction [4]	Max. production width mm	Code
Polyurethane - Food & Packaging													
EL2-U10 FL	TPU	green	1.00	-	10	15	2	2	-20	60	MF	2000	NA96
EL3-U15 FL	TPU	green	1.50	-	10	15	3	3	-20	60	MF	2000	NA97
EL4-U20 FH	TPU	green	2.30	-	10	15	4	4	-20	60	MF	2000	NA405
1M5 U0-U2 W A LF VL	TPU	white	0.70	3	6	16	5	5	-20	100	LF	1500	NA738
1M5 U0-U2 W A	TPU	white	0.70	3	6	16	5	5	-20	100	LF	2100	NA945
1M5 U0-U2 PN yellow	TPU	yellow	1.10	3	6	16	5	5	-20	100	HF	2000	NA965
1M5 U0-U2 A	TPU	green	0.70	3	6	16	5	5	-20	100	MF	2000	NA959
1M5 U0-U2 GS W	TPU	white	0.65	3	6	16	5	5	-20	100	MF	2000	NA1483
1T6 U0-U2 W A XW-P	TPU	white	0.80	4	8	16	6	6	-30	110	MF	3500	NA1447
1M6 U3-U3 FL	TPU	green	1.20	-	10	15	6	6	-20	100	MF	2000	NA100
1M6 U0-U5 FL	TPU	green	1.00	-	10	15	6	6	-20	100	MF	2000	NA99
1M6 U5-U5 FL	TPU	green	1.60	-	20	20	6	6	-20	100	MF	2000	NA101
1T8 U0-U2 HF W	TPU	white	1.10	6	12	16	8	8	-20	100	HF	2000	NA162
2M5 U0-U1 W S A	TPU	white	1.30	4	8	16	6	12	-20	100	HF	2000	NA549
2M5 U0-U1 blue S A	TPU	blue	1.30	4	8	16	6	12	-20	100	HF	2100	NA1069
2M5 U0-U2 LF W A	TPU	white	1.30	4	8	16	6	12	-20	100	LF	2100	NA696
2M5 U0-U2 A	TPU	green	1.20	4	8	16	6	12	-20	100	LF	2000	NA581
2M5 U0-U2 W A	TPU	white	1.30	4	8	16	6	12	-20	100	MF	2100	NA170
2MT5 U0-U2 N FDA	TPU	black	1.80	-	30	50	6	12	-20	100	LF	2000	NA1030
2M5 U0-U2 LB A	TPU	light blue	1.30	4	8	16	6	12	-20	100	MF	2100	NA1231
2M5 U0-U2 W A SP	TPU	white	1.30	4	8	16	6	12	-20	100	MF	3600	NA1264
2M6 U0-U2 GS W	TPU	white	1.30	6	12	16	6	12	-20	100	MF	2100	NA1290
2M6 U0-U2 HR W	TPU	white	1.30	6	12	16	6	12	-20	100	LF	2100	NA1405
2M6 U0-U2 GS DB	TPU	dark blue	1.30	6	12	16	6	12	-20	100	MF	2100	NA1451
2M6 U0-U2 HR DB	TPU	dark blue	1.30	6	12	16	6	12	-20	100	LF	2100	NA1452
2M5 U0-U2 W A XW-P	TPU	white	1.30	4	8	16	6	12	-30	110	MF	3500	NA1448
2M5 U0-U2 blue A XW-P	TPU	blue	1.30	4	8	16	6	12	-30	110	MF	3500	NA1426
2T8 U0-0	PET	white	1.30	6	12	16	8	16	-20	100	LF	3000	NA160
2M8 U0-U0	TPU[6]	white	1.30	6	12	16	8	16	-20	100	LF	2000	NA352
2M8 U0-U0 SP	TPU[6]	natural	1.30	6	12	50	8	16	-20	100	LF	3500	NA1344
2M12 U0-U2 W A SP	TPU	white	1.50	6	12	16	12	24	-20	100	LF	3500	NA1233
2T12 U0-U2 W SP	TPU	white	1.60	-	30	40	12	24	-20	100	LF	3500	NA1335
2M12 U0-U3 R W A	TPU	white	1.70	-	40	50	12	24	-20	100	LF	2000	NA801

Type	Conveying surface material	Colour	Total thickness mm	Knife edge min. radius [1] mm	Bending pulley min. diameter [1] mm	Counter-bending pulley min. diameter [1] mm	Pull at 1% elongation [2] N/mm	Max. admissible pull N/mm	Temperature resistance min. / max [3] °C		Coefficient of friction [4]	Max. production width mm	Code
2M12 U0-V-U5	TPU	green	2.00	-	60	80	12	24	-10	60	LF	2000	NA436
2M12 U0-U5 TR A	TPU	transparent	2.00	-	40	50	12	24	-20	100	LF	2000	NA1253
2M12 U0-U10 W A	TPU	white	2.40	-	50	60	12	24	-20	100	LF	2000	NA887
2M12 U0-U15 LT W A	TPU	white	6.00	-	50	80	12	24	-20	100	MF	800	NA1010
3M8 U0-U3	TPU	green	2.20	-	60	80	10	20	-20	100	LF	2000	NA538
Polyurethane - Other applications													
ST06	TPU	green	0.60	-	10	15	4	4	-30	100	MF	2000	NA1150
1EL4 U0-U12 LG S	TPU	green	2.50	-	30	30	0.5	4	-20	100	HF	2000	NA1709
EL2-U12 FL/FL N	TPU	black	1.20	-	10	15	2	2	-20	60	MF	2000	NA1644
2M5 U0-U2 N A XW-P	TPU	black	1.30	4	8	16	6	12	-30	110	MF	3500	NA1464
2M5 U0-U2 PN N S A	TPU	black	1.60	4	8	16	6	12	-20	100	HF	2000	NA1072
2M8 U0-U0 GR	TPU[6]	grey	1.30	6	12	16	8	16	-20	100	LF	2000	NA363
2M8 U0-U0 GR SP	TPU[6]	grey	1.30	6	12	16	8	16	-20	100	LF	3500	NA1347
2M8 U0-U0 GR XW	TPU[6]	grey	1.30	6	12	16	8	16	-20	100	LF	3500	NA1499
2M8 U0-U2	TPU	green	1.40	6	12	16	8	16	-20	100	LF	2000	NA336
2M8 U0-U2 N HC	TPU	black	1.50	6	12	16	8	16	-20	100	LF	2000	NA429
2M10 U0-U2 N HC SP	TPU	black	1.20	-	8	16	10	10	-20	100	LF	3600	NA1255
2M12 U0-U2 SP	TPU	green	1.50	6	12	16	8	16	-20	100	LF	3600	NA1289
2M12 U0-U3 R A	TPU	green	1.70	-	40	50	12	24	-20	100	LF	2000	NA803
2M12 U0-U3 R N A	TPU	black	1.70	-	40	50	12	24	-20	100	LF	2000	NA802
2M12 U0-V-U5 SP	TPU	green	2.10	-	60	100	12	24	-10	60	LF	3500	NA1346
2M12 U0-U15	TPU	green	3.00	-	60	100	12	24	-20	100	LF	2000	NA1035
2M12 U0-V-U15 N	TPU	black	4.10	-	100	150	12	24	-10	60	MF	3500	NA1622
2M12 U0-U17	TPU	green	3.40	-	80	120	12	24	-10	60	LF	2000	NA1128
2DM12 U0-V-U5 N	TPU	black	2.90	-	60	150	12	24	-10	60	MF	3500	NA1825
2DM18 U0-U20 N A	TPU	black	5.50	-	120	200	18	36	-20	100	MF	3500	NA1812
2T30 U10-U20 N A FM/MATT	TPU	black	5.00	-	120	200	30	60	-20	100	MF	2000	NA1811
3M18 U0-V-U10	TPU	green	3.70	-	100	150	18	36	-10	60	LF	2050	NA437
3M18 U0-V-U10 SP	TPU	green	3.70	-	100	150	18	36	-10	60	LF	3500	NA1334
3M18 U0-V-U30 blue	TPU	blue	6.00	-	120	300	18	36	-10	60	MF	2000	NA1175
3M18 U0-V-U30 VL N	TPU	black	3.00	-	120	300	18	36	-10	60	LF	2000	NA1608
PB													
PB-215	TPU	black	2.15	-	80	100	15	20	-20	100	LF	2100	NA1386
PB-265	TPU	black	2.65	-	100	120	15	20	-20	100	LF	2100	NA1390
PB-265 SP	TPU	black	2.65	-	100	120	15	20	-20	100	LF	3500	NA1392

POSITIVE DRIVE BELTS

Type	Conveying surface material	Colour	Total thickness mm	Knife edge min. radius [1] mm	Bending pulley min. diameter [1] mm	Counter-bending pulley min. diameter [1] mm	Pull at 1% elongation [2] N/mm	Max. admissible pull N/mm	Temperature resistance min. / max [3] °C		Coefficient of friction [4]	Max. production width mm	Code
HP COMPACT mini DRIVE AM [10]													
HP Compact Minidrive 15/20 blue AM	TPU HP®	blue HP®	1.50	-	25	60	5	5	-30	90	MF	1200	NA2699F_D6
HP Compact Minidrive 15/20 PN blue AM	TPU HP®	blue HP®	1.85	-	25	60	5	5	-30	90	HF	1200	NA2715F_D6
HP Compact Drive 25/40 blue AM	TPU HP®	blue HP®	2.50	-	80	120	8	8	-30	90	MF	2000	NA2667C_D13
HP Compact Drive 25/40 PN blue AM	TPU HP®	blue HP®	2.50	-	80	120	8	-	-30	90	HF	2000	NA2706C_D13
HP Compact Drive 25/40 RG blue AM	TPU HP®	blue HP®	2.50	-	80	120	8	-	-30	90	HF	2000	NA2700C_D13
HP Compact Drive 25/40 VL blue AM	TPU HP®	blue HP®	2.50	-	80	120	8	-	-30	90	MF	2000	NA2703C_D13
HP Compact Drive 40/40 blue AM	TPU HP®	blue HP®	4.00	-	80	120	15	30	-30	90	LF	2000	NA2704C_D13
HP Compact Drive 20/40 blue AM	TPU HP®	blue HP®	2.00	-	-	120	8	-	-30	90	MF	2000	NA2670C_D13
HP COMPACT DRIVE AM [10]													
HP Compact 15 blue AM	TPU HP®	blue HP®	1.50	-	25	60	5	5	-30	110	MF	2000	NA2699A
HP Compact 20 blue AM	TPU HP®	blue HP®	2.00	-	50	80	8	-	-30	110	MF	2000	NA2670A
HP Compact 25 blue AM	TPU HP®	blue HP®	2.50	-	40	40	8	8	-30	110	MF	2000	NA2667A
HP Compact 25 PN blue AM	TPU HP®	blue HP®	2.50	-	40	40	8	-	-30	110	HF	2000	NA2706A
HP Compact 25 RG blue AM	TPU HP®	blue HP®	2.50	-	40	40	8	-	-30	110	HF	2000	NA2700A
HP Compact 25 VL blue AM	TPU HP®	blue HP®	2.50	-	40	40	8	-	-30	110	MF	2000	NA2703A
HP Compact 40 blue AM	TPU HP®	blue HP®	4.00	-	80	120	15	30	-30	110	LF	2000	NA2704A
HP Compact RG 25 blue AM	TPU HP®	blue HP®	2.50	-	40	40	8	-	-30	110	LF	2000	NA2700A_RG
DET COMPACT DRIVE													
Compact 25 blue DET	TPU	dark blue	2.50	-	50	80	8	8	-30	100	LF	2000	NA1460A
Compact 25 PN blue DET	TPU	dark blue	2.50	-	50	80	8	8	-30	100	MF	2000	NA1561A
Compact Minidrive 15/20 blue DET	TPU	dark blue	1.50	-	25	60	5	5	-30	90	MF	800	NA1461F_D6
Compact Drive 25/40 blue DET	TPU	dark blue	2.50	-	80	120	8	8	-30	90	MF	2000	NA1460C_D13
Compact Drive 25/40 PN blue DET	TPU	dark blue	2.50	-	80	120	8	8	-30	90	MF	2000	NA1561C_D13
PRODRIVE													
ProDrive F-S 30/50 GB LB	TPU	light blue	3.00	-	130	180	4	4	-5	80	LF	1200	NA1773
ProDrive F-S 30/50 LB	TPU	light blue	3.00	-	130	180	4	4	-5	80	MF	1200	NA1774
ProDrive F-S 28/25 GS LB	TPU	light blue	2.80	-	65	120	4	4	-5	80	HF	1200	NA1776
ProDrive F-S 30/50 GS LB	TPU	light blue	3.00	-	130	180	4	4	-5	80	HF	1200	NA1810
ProDrive C-S 30/40 GS LB	TPU	light blue	3.00	-	100	150	4	4	-5	80	HF	1200	NA1822
ProDrive S 30 LB	TPU	light blue	3.00	-	40	60	4	4	-5	80	MF	1200	NA1823
ProDrive C-S 30/40 GS W	TPU	white	3.00	-	100	150	4	4	-5	80	HF	1200	NA1824
ProDrive C-S 30/40 LB	TPU	light blue	3.00	-	100	150	4	4	-5	80	MF	1200	NA2595

CONVEYOR & PROCESS BELTS - MACHINE TAPES

Type	Conveying surface material	Colour	Total thickness mm	Knife edge min. radius [1] mm	Bending pulley min. diameter [1] mm	Counter-bending pulley min. diameter [1] mm	Pull at 1% elongation [2] N/mm	Max. admissible pull N/mm	Temperature resistance min. / max [3] °C		Coefficient of friction [4]	Max. production width mm	Code
Semielastic													
1EL4 U0-U2 HP blue A	TPU HP®	blue HP®	1.30	5	8	16	0.5	4	-30	110	MF	2000	NA1647
1EL4 U0-U12 LG S	TPU	green	2.50	-	30	30	0.5	4	-20	100	HF	2000	NA1709
1EL4 U0-V5 RT N	PVC	black	1.70	-	30	30	0.5	4	-10	60	HF	2000	NA1634
1EL4 U0-V3 FR	PVC	anthracite	1.40	-	20	20	0.5	4	-10	60	MF	1800	NA2624
1EL4 U0-V10 PN FR	PVC	anthracite	2.20	-	30	30	0.5	4	-10	60	HF	2000	NA1635
1EL4 U0-V10 LG FR	PVC	anthracite	2.20	-	30	30	0.5	4	-10	60	HF	2000	NA1640
e+®													
1M6 U0-V10 LG N e+	PVC	black	1.60	-	20	25	6	6	-10	60	HF	2000	NA1638
2DMT5 U0-V3 EN N e+	PVC	black	2.10	-	30	50	6	12	-10	60	MF	2000	NA1675
2M12 U0-V-U0 e+	TPU[6]	anthracite	1.70	-	40	80	12	24	-10	60	LF	2000	NA1578
2M12 U0-V-U0 FR e+	TPU[6]	anthracite	2.50	-	50	100	12	24	-10	60	LF	2000	NA1617
2M12 U0-V3 FR e+	PVC	anthracite	3.00	-	50	60	12	24	-10	60	MF	2000	NA1554
2M12 U0-V5 FR e+	PVC	anthracite	2.30	-	50	60	12	24	-10	60	MF	2000	NA1575
2M12 U0-V3 N e+	PVC	black	1.90	-	40	50	12	24	-10	60	MF	2000	NA1579
2M12 U0-V7 LG N e+	PVC	black	2.70	-	40	60	12	24	-10	60	HF	2000	NA1580
2M12 U0-V7 LG FR e+	PVC	anthracite	2.70	-	40	60	12	24	-10	60	HF	2000	NA1592
PVC													
1M6 U0-V3 N A	PVC	black	0.85	-	20	25	6	6	-10	60	LF	3600	NA509
1M6 U0-V5	PVC	green	1.00	-	20	25	6	6	-10	60	MF	3000	NA25
1M6 U0-V5 W	PVC	white	1.00	-	20	25	6	6	-10	60	MF	3500	NA1
1M6 U0-V5 N	PVC	black	1.00	-	20	25	6	6	-10	60	LF	3500	NA44
1M6 V5-V5	PVC	green	1.80	-	30	35	6	6	-10	60	MF	3000	NA26
1M6 U0-V5 SM N	PVC	black	1.00	-	20	25	6	6	-10	60	LF	2000	NA869
1M6 U0-V5 FM N	PVC	black	1.10	-	30	40	6	6	-10	60	LF	3000	NA491
1M6 U0-V10 LG N	PVC	black	1.60	-	25	40	6	6	-10	60	HF	2000	NA1631
1M12 U0-V5 N	PVC	black	1.80	-	30	50	8	12	-10	60	LF	2000	NA904
1M12 U0-V5 FH N	PVC	black	2.00	-	30	50	8	12	-10	60	MF	2000	NA954
1M12 U0-V5 SM N	PVC	black	1.90	-	30	60	8	12	-10	60	LF	2000	NA961
2T5 0-V-0	PET	white	1.60	-	20	25	5	10	-10	60	LF	2000	NA281
2MT5 U0-V3 N	PVC	black	1.80	-	20	25	6	12	-10	60	LF	3000	NA49
2MT5 U0-V3 SM N	PVC	black	1.80	-	20	25	6	12	-10	60	LF	2000	NA606
2MT5 U0-V3 FH N	PVC	black	2.10	-	30	50	6	12	-10	60	MF	2000	NA650

Type	Conveying surface material	Colour	Total thickness mm	Knife edge min. radius [1] mm	Bending pulley min. diameter [1] mm	Counter-bending pulley min. diameter [1] mm	Pull at 1% elongation [2] N/mm	Max. admissible pull N/mm	Temperature resistance min. / max [3] °C		Coefficient of friction [4]	Max. production width mm	Code
2MT5 U0-V5 RT N	PVC	black	2.10	-	40	60	6	12	-10	60	HF	2000	NA1283
2M5 U0-V5 PN N	PVC	black	1.60	-	40	60	6	12	-10	60	HF	2000	NA1354
2M8 U0-V-U0	TPU[6]	natural	1.50	-	30	40	8	16	-10	60	LF	3000	NA91
2T8 U0-V-0	PET	white	1.40	-	30	50	8	16	-10	60	LF	3000	NA16
2M8 U0-V5 A	PVC	green	2.00	-	30	40	8	16	-10	60	MF	3500	NA30
2M8 U0-V5 FM	PVC	green	2.10	-	30	40	8	16	-10	60	MF	3000	NA31
2M8 U0-V5 PN W	PVC	white	2.20	-	30	40	8	16	-10	60	MF	2000	NA4
2M8 U0-V5 W	PVC	white	2.00	-	30	40	8	16	-10	60	MF	3000	NA3
2M8 U0-V5 FM N	PVC	black	2.10	-	30	40	8	16	-10	60	HF	3000	NA189
2M8 V5-V5 W	PVC	white	2.50	-	50	60	8	16	-10	60	MF	2000	NA5
2M8 U0-V5 blue	PVC	blue	2.00	-	30	40	8	16	-10	60	MF	3000	NA856
2M8 V5-V5 blue	PVC	blue	2.50	-	50	60	8	16	-10	60	MF	2000	NA925
2M8 U0-V5 PS GR	PVC	grey	2.20	-	30	40	8	16	-10	60	HF	850	NA942
2M8 U0-V5 RT GR	PVC	grey	2.20	-	30	40	8	16	-10	60	HF	2000	NA220
2M8 U0-V17 GP	PVC	green	5.20	-	50	60	8	16	-10	60	HF	2000	NA32
2M10 U0-V10	PVC	green	2.80	-	50	60	10	20	-10	60	MF	3000	NA582
2M10 U0-V10 W	PVC	white	2.80	-	50	60	10	20	-10	60	MF	3000	NA609
2M10 U0-V10 blue	PVC	blue	2.80	-	50	60	10	20	-10	60	MF	3000	NA924
2M12 U0-V-U0 GR	TPU[6]	grey	1.70	-	40	80	12	24	-10	60	LF	3000	NA394
2T12 U0-V0	PVC[7]	green	2.50	-	80	80	12	24	-10	60	LF	2000	NA149
2M12 U0-V-U0 N LF	TPU[6]	anthracite	2.50	-	40	80	12	24	-10	60	LF	2000	NA1614
2M12 U0-V3	PVC	green	1.90	-	40	50	12	24	-10	60	LF	3000	NA218
2M12 U0-V3 N	PVC	black	1.90	-	40	50	12	24	-10	60	LF	3500	NA46
2M12 U0-V7 LG	PVC	green	2.40	-	40	60	12	24	-10	60	HF	2000	NA401
2M12 U0-V7 LG N	PVC	black	2.70	-	40	60	12	24	-10	60	HF	2000	NA1458
2M12 U0-V8 RT	PVC	green	2.30	-	40	60	12	24	-10	60	HF	2000	NA33
2M12 U0-V10 A	PVC	green	2.50	-	50	60	12	24	-10	60	MF	3500	NA34
2M12 U0-V10 W	PVC	white	2.50	-	50	60	12	24	-10	60	MF	3000	NA9
2M12 U0-V10 N	PVC	black	2.90	-	60	80	12	24	-10	60	LF	3000	NA48
2T12 U0-V10	PVC	green	2.50	-	50	60	12	24	-10	60	MF	3000	NA40
2T12 U0-V10 W	PVC	white	2.50	-	50	60	12	24	-10	60	MF	3000	NA18
2M12 V5-V10	PVC	green	3.00	-	80	100	12	24	-10	60	MF	2000	NA36
2T12 V5-V10 W	PVC	white	3.00	-	80	100	12	24	-10	60	MF	2000	NA20
2T12 V5-V10 blue	PVC	blue	3.10	-	80	100	12	24	-10	60	MF	2000	NA955
2M12 U0-V10 RT	PVC	green	2.60	-	50	80	12	24	-10	60	HF	2000	NA258
2M12 V5-V10 W	PVC	white	3.10	-	80	100	12	24	-10	60	MF	2000	NA65
2M12 U0-V10 RT N	PVC	black	2.70	-	50	60	12	24	-10	60	HF	2000	NA1697

Type	Conveying surface material	Colour	Total thickness mm	Knife edge min. radius [1] mm	Bending pulley min. diameter [1] mm	Counter-bending pulley min. diameter [1] mm	Pull at 1% elongation [2] N/mm	Max. admissible pull N/mm	Temperature resistance min. / max [3] °C		Coefficient of friction [4]	Max. production width mm	Code
2M12 U0-V15 CL W	PVC	white	5.50	-	80	120	12	24	-10	60	MF	2000	NA14
2M12 U0-V15 FB W	PVC	white	4.10	-	80	120	12	24	-10	60	MF	2000	NA11
2M12 U0-V15 GPL N	PVC	black	3.80	-	60	80	12	24	-10	60	HF	2000	NA242
2M12 U0-V15 ST W	PVC	white	3.60	-	80	120	12	24	-10	60	MF	2000	NA12
2M12 U0-V20 GP	PVC	green	5.50	-	50	60	12	24	-10	60	HF	2000	NA35
2T12 U0-V20 GP W	PVC	white	5.50	-	50	60	12	24	-10	60	HF	2000	NA19
2M20 U0-V25 RT	PVC	green	5.00	-	100	150	20	40	-10	60	MF	2000	NA37
3T18 U0-V0	PVC[7]	green	3.70	-	120	120	18	36	-10	60	LF	2000	NA73
3M18 U0-V15 A	PVC	green	4.20	-	100	120	18	36	-10	60	MF	3500	NA76
3M18 U0-V15 W	PVC	white	4.20	-	100	120	18	36	-10	60	MF	3000	NA148
3T18 U0-V15	PVC	green	4.20	-	100	120	18	36	-10	60	MF	3000	NA42
3T18 U0-V15 W	PVC	white	4.20	-	100	120	18	36	-10	60	MF	3000	NA22
3M30 U0-V25 RT	PVC	green	6.60	-	200	300	30	60	-10	60	MF	2000	NA39
2M8 U0-V5 AGR [9]	PVC	green	2.00	-	30	40	8	16	-15	60	MF	3000	NA834
2M12 U0-V10 AGR [9]	PVC	green	2.50	-	50	60	12	24	-15	60	MF	3000	NA849
2M12 V5-V10 AGR [9]	PVC	green	3.10	-	80	120	12	24	-15	60	MF	2000	NA940
2T12 V5-V10 AGR [9]	PVC	green	3.10	-	80	120	12	24	-15	60	MF	2000	NA815
2M12 V5-V10 AGR N [9]	PVC	black	3.00	-	80	120	12	24	-15	60	MF	2000	NA731
2T12 V10-V12 AGR [9]	PVC	green	4.00	-	80	120	12	24	-15	60	MF	2000	NA814
Z 10/2 FV/FV-15 light blue	PVC	light blue	1.50	-	40	-	10	-	-10	70	LF	3000	NA1911
Z 15/3 F/V1-42 ANT green	PVC	green	4.20	-	100	-	15	-	-10	70	MF	3000	NA2315
Z 20/2 FV/V12-40 MT black	PVC	black	4.00	-	80	-	20	-	-10	70	LF	3000	NA2545
PVC Flame Retardant													
2M12 U0-V-U0 FR	PVC	anthracite	2.50	-	40	75	12	24	-10	60	LF	2000	NA1533
2M12 U0-V5 FR	PVC	black	2.20	-	50	60	12	24	-10	60	LF	2000	NA1466
2M12 U0-V7 LG FR	PVC	anthracite	2.70	-	40	60	12	24	-10	60	HF	2000	NA1522
2T12 U0-V10 FM FR	PVC	anthracite	2.30	-	50	60	12	24	-10	60	MF	3000	NA1465
2M12 U0-V10 RT FR	PVC	anthracite	2.70	-	60	80	12	24	-10	60	HF	2000	NA1557
2M12 U0-V20 FB FR	PVC	anthracite	4.60	-	50	60	12	24	-10	60	HF	2000	NA1556
2M12 U0-V20 GP FR	PVC	anthracite	5.50	-	50	60	12	24	-10	60	HF	2000	NA1555
2M12 U0-V30 RL FR	PVC	anthracite	8.50	-	60	120	12	24	-25	70	HF	1200	NA520
CHIOLINK™													
ChioLink U7 HP LG blue S	TPU HP®	blue HP®	3.60	-	20	50	13	13	-20	100	HF	1000	NA1749
ChioLink G15 HS FL Food Grade	Elastomer	ivory	4.00	-	80	100	13	13	-20	100	MF	1410	NA1625
ChioLink G40 MF red	Elastomer	red	6.00	-	80	100	13	13	-20	100	MF	1000	NA1594
ChioLink G40 HS GP blue	Elastomer	blue	7.00	-	80	100	13	13	-20	100	MF	1000	NA1797
ChioLink G40 HS GP red	Elastomer	red	7.00	-	-	100	13	13	-20	100	MF	1000	NA1595

Type	Conveying surface material	Colour	Total thickness mm	Knife edge min. radius [1] mm	Bending pulley min. diameter [1] mm	Counter-bending pulley min. diameter [1] mm	Pull at 1% elongation [2] N/mm	Max. admissible pull N/mm	Temperature resistance min. / max [3] °C		Coefficient of friction [4]	Max. production width mm	Code
PT													
PT1.4 EL G3-G3 SK	Elastomer	green	1.40	-	15	15	2.5	2.5	-10	60	HF	1200	NA1176
PT1.4 EL G3-G3 FL	Elastomer	green	1.40	-	15	15	2.5	2.5	-10	60	HF	1600	NA1177
PT1.0 U1-U3	TPU	green	1.00	-	10	20	5	5	-20	100	HF	2000	NA1111
PT1.0 0-U4	TPU	green	1.00	-	10	20	5	5	-20	100	HF	2000	NA1034
PT1.2 U2-U5	TPU	green	1.20	-	20	25	5	5	-20	100	HF	2000	NA1029
PT1.0 0-G2	Elastomer	green	1.00	-	15	15	6	6	-20	100	MF	1600	NA1472
PT1.4 G3-G3	Elastomer	green	1.40	-	15	20	6	6	-20	100	HF	1600	NA1178
PT0.9 0-0	Polyamide	green	0.90	-	10	20	5	10	-20	100	LF	1200	CG187
PT0.9 0-0 N	TPU[6]	grey	0.90	-	10	20	5	10	-20	100	LF	1200	CG197
PT1.2 0-U2	TPU	green	1.20	-	20	25	6	12	-20	100	HF	2000	NA1110
PT1.2 0-G2 FL	Elastomer	green	1.20	-	25	30	6	12	-20	100	MF	2000	NA1230
PT1.5 0-G3 FL	Elastomer	green	1.50	-	25	30	6	12	-20	100	MF	2000	NA1120
PT1.8 G1-0	Polyamide	white	1.80	-	20	40	9	16	-20	100	LF	2000	NA1024
PT1.8 0-0	Polyamide	light grey	1.80	-	20	40	9	16	-20	100	LF	2000	NA1151
HS													
P1-L G HS	Elastomer	green	1.25	-	25	25	2.5	7	-20	100	MF	500	CG350
DG1/70 HS GP blue	Elastomer	blue	6.50	-	75	100	5	10	-20	100	HF	500	CG353
DG2/70 HS GP blue	Elastomer	blue	6.50	-	100	150	7.5	15	-20	100	HF	500	CG181
2M8 U0-U-G5 HS FL	Elastomer	green	2.00	-	25	40	8	16	-20	100	MF	1800	NA1133
2T12 U0-U-G10 HS FH	Elastomer	green	2.20	-	50	60	12	24	-20	100	HF	1800	NA1135
2T12 U0-G25 HS GP	Elastomer	green	5.50	-	80	100	12	24	-40	100	HF	1800	NA1136
2M12 U0-U-G30 HS EN blue	Elastomer	blue	4.30	-	50	80	12	24	-20	100	HF	1800	NA1620
2T12 U0-G35 HS GP	Elastomer	green	6.50	-	80	120	12	24	-40	100	HF	1800	NA1137
3M8 U0-U-G10 HS FL	Elastomer	green	3.50	-	60	80	10	20	-20	100	MF	1800	NA1432
3M18 U0-U-G40 HS GP blue	Elastomer	blue	7.70	-	90	120	18	36	-20	100	HF	1800	NA1559
MF													
DG1/45 MF	Elastomer	red	4.50	-	50	70	5	10	0	100	HF	500	CG215
DG2/60 MF	Elastomer	red	6.50	-	75	120	7.5	15	0	100	HF	500	CG216
2T12 U0-U-G15 MF	Elastomer	red	2.80	-	50	80	12	24	-20	100	HF	1600	NA163
NT5 MF	Elastomer	red	5.00	-	50	100	6	12	-20	100	HF	1600	NA245
3M18 U0-G20 MF	Elastomer	red	3.50	-	100	120	18	36	-20	100	HF	1200	NA1275
3M18 U0-U-G40 R MF	Elastomer	red	5.70	-	100	140	18	36	-20	100	HF	1600	NA1418
3M18 U0-U-G60 MF	Elastomer	red	7.30	-	100	140	18	36	-20	100	HF	1600	NA966

Type	Conveying surface material	Colour	Total thickness	Knife edge min. radius [1]	Bending pulley min. diameter [1]	Counter-bending pulley min. diameter [1]	Pull at 1% elongation [2]	Max. admissible pull	Temperature resistance min. / max [3]		Coefficient of friction [4]	Max. production width	Code
			mm	mm	mm	mm	N/mm	N/mm	°C			mm	
Elastomer													
2M8 U0-U-G10TP LG	TP	green	2.80	-	30	60	8	16	-20	100	HF	2000	NA998
2M8 U0-U-G10 FH	Elastomer	green	2.30	-	50	60	8	16	-20	100	HF	1800	NA118
2M12 U0-G25 GP	Elastomer	green	5.50	-	60	80	12	24	-40	100	HF	1800	NA121
3M12 0-G-0	PET	grey	2.80	-	50	80	15	30	-10	100	LF	1800	NA922
Polyamide													
NT1 HS L	Elastomer	green	1.00	-	15	15	3	6	-20	100	MF	1200	NA1404
NT1 HS	Elastomer	green	1.20	-	15	15	3	6	-20	100	MF	1800	NA1138
NT2 HS	Elastomer	green	2.00	-	20	25	3.5	7	-20	100	MF	1800	NA1139
NT3 HS	Elastomer	green	3.00	-	40	50	6	12	-20	100	MF	1800	NA1140
PR0-L	Polyamide	green	0.90	-	15	20	2	4	0	100	LF	500	CG172
P1-L	Elastomer	green	1.25	-	25	25	2	4	-20	100	MF	500	CG218
P0	Elastomer	green	0.90	-	15	20	2	4	-20	100	MF	500	CG3
CNPG	Elastomer	green	1.00	-	20	25	2	4	0	100	MF	500	NA145
N	Polyamide	green	0.60	-	15	15	2	4	-20	100	LF	1800	NA133
CNG	Elastomer	green	0.70	-	20	25	2	4	-20	100	MF	1200	NA140
NT2 HS	Elastomer	green	2.00	-	20	25	3.5	7	-20	100	MF	1800	NA1139
N8	Polyamide	green	1.00	-	15	15	3	6	-20	100	LF	1800	NA135
Silicone													
1M6 U0-S0	Silicone	transparent	0.60	-	20	40	6	6	-30	100	HF	2000	NA126
2M5 U0-U-S2 W	Silicone	white	1.30	4	8	30	6	12	-30	100	HF	2000	NA1102
2M5 U0-U-S2 blue	Silicone	blue	1.30	4	8	30	6	12	-30	100	HF	2000	NA1288
2M8 U0-U-S0	Silicone	natural	1.30	-	30	40	8	16	-20	100	LF	2000	NA127
2MT8 S0-S0	Silicone	natural	1.20	-	30	40	8	16	-40	160	LF	2000	NA129
Non woven													
SILON 25 W	PET	white	2.50	-	-	50	10	10	-20	100	LF	2000	NA224
SILON 25 HC	PET	anthracite	2.50	-	-	50	10	10	-20	100	LF	2000	NA225
SILON 40 HC	PET	anthracite	4.00	-	-	80	10	10	-20	100	LF	2000	NA305
SILON 60 HC	PET	anthracite	5.50	-	-	125	10	10	-20	100	LF	2000	NA222
P4													
P4/P	Polyamide	grey	3.10	-	200	400	20	40	0	100	LF	2000	CG164
P4	Polyamide	green	3.40	-	200	400	20	40	0	100	LF	2000	CG6
P4/N	Polyamide	black	3.40	-	200	400	20	40	0	100	LF	2000	CG134

The data in this tables were determined under normal environmental conditions and are subject to change without notice.

Legend

BELTS WITH TEXTILE CARCASS

2 — Number of plies

M — Textile carcass
- M rigid polyester
- MT combined polyester
- P polyamide
- T flexible polyester

8 — Pull for 1% elongation [N/mm]

U 0 - **U** - **G 5**

- **U 0** — Driving surface coating mm/10
- **U** — Possible interply
- **G 5** — Conveying surface coating mm/10

G	Elastomer
O	Polyolefins (TPO)
S	Silicone
TP	Thermoplastic elastomer
U	Polyurethane (TPU)
V	Polyvinyl chloride (PVC)

HS FL — Other characteristics:

A	Permanent antistatic (UNI EN ISO 21179)
AM	Antimicrobial
D	Dehesive
DB	Dark Blue
DET	Detectable
1EL	Semi Elastic
FD	Food Duty
FR	Flame retardant (DIN 22103, ISO 340, UL94)
FXD	X-Ray and Metal Detactable
GR	Grey
GS	Glossy Surface
HC	High Conductivity
HP	Product system HP
HR	High Release
HS	High performance elastomer
HY	Hyperclean
LB	Light Blue
LF	Low friction surface
MF	Self-regeneration elastomer
N	Black
R	High transversal stability
S	Soft polyurethane cover (70 Sh.A)
SM	Super matt conveying surface
SP	Polyurethane belt 3000 o 3500 mm wide
TR	Transparent
VL	Velvet finish
W	White
XW	X-Wide
XW-P	X-Wide Production

ELASTIC BELTS

EL — Elastic belt without textile carcass

2 - **U10**

- **2** — Pull for 8% elongation [N/mm]
- **U10** — Conveying surface coating mm/10
  - U Polyurethane

FL — Other characteristics:

Blue	Blue
HP	Product system HP
W	White

HP COMPACT DRIVE

HP — Product System HP

Compact — Compact belt design, reinforced traction core

Drive — Toothed profile on the running side Minidrive: knife roller

25 / **40**

- **25** — Thickness mm/10
- **40** — Pitch mm

AM — Other characteristics:

AM	Antimicrobial
PN	Pyramid negative
RG	Rice grain
VL	Velvet finish

PRO-DRIVE

F - **S**

- **F** — F Full Lug, C Central Lug
- **S** — TPU Polyester

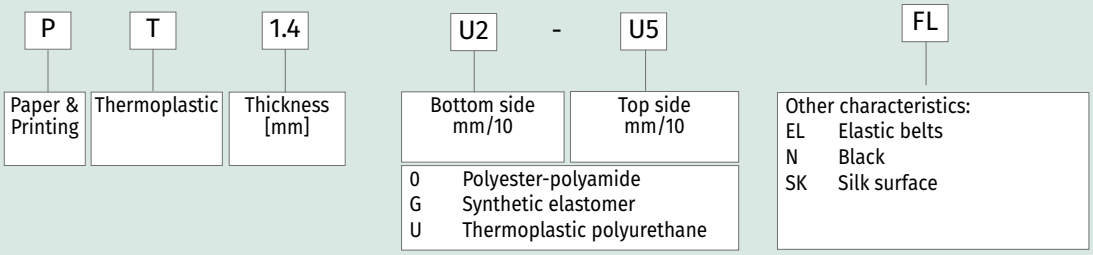
30 / **50**

- **30** — Thickness mm/10
- **50** — Pitch mm

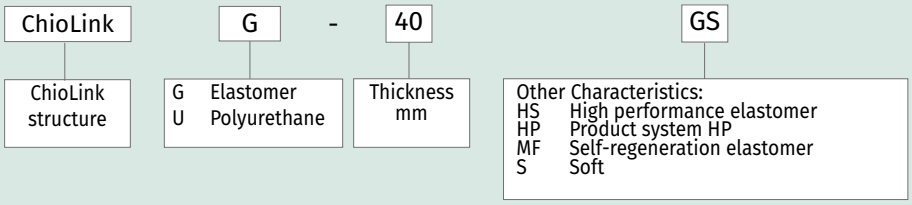
GS LB — Other Characteristics:

GB	Golf Ball	LB	Light Blue
GS	Glossy Surface	W	White

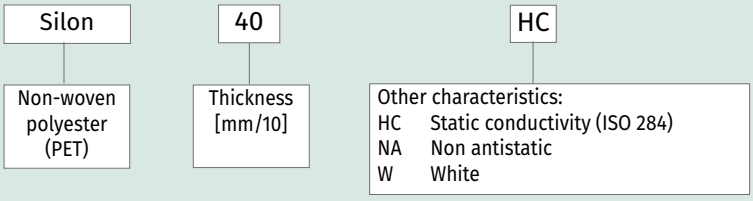
PT SERIES



CHIOLINK



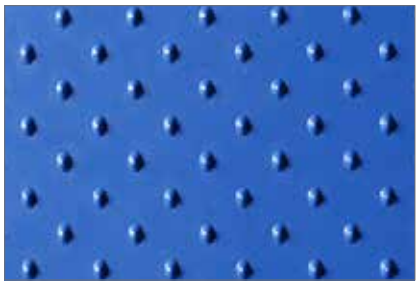
SILON



Notes

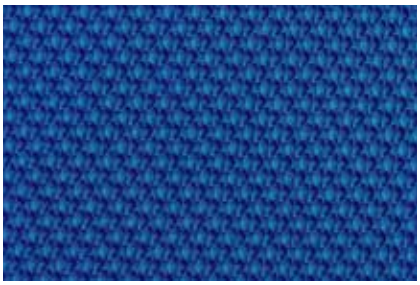
(1) Minimum radius / pulley diameter is dependent on the joint recommended by Chiorino
(2) EL series: pull for 8% elongation
(3) Use of the belt with limit values may reduce its life
(4) Conveying surface coefficient of friction:
LF low friction
MF medium friction
HF high friction
(5) Fabric with HP® TPU impregnation
(6) Fabric with TPU impregnation
(7) Fabric with PVC impregnation
(8) Fabric with Silicone impregnation
(9) The AGR range of belts is supplied only in rolls in the full manufactured width available at time of inquiry
(10) Exempt from EPA registration under the “treated articles exemption” in 40 CFR 152.25(a)

Textures



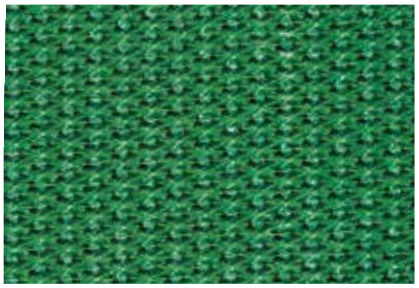
CC

CL



EN

FB



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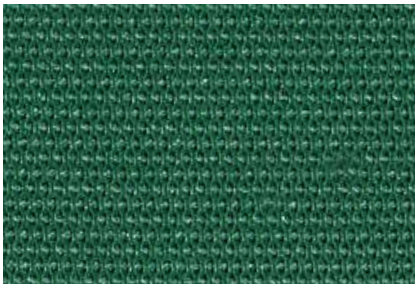

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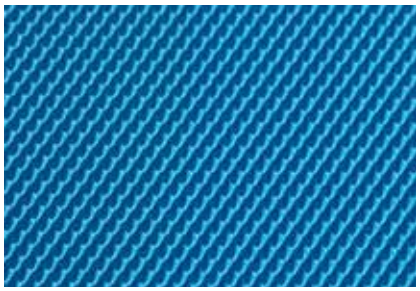
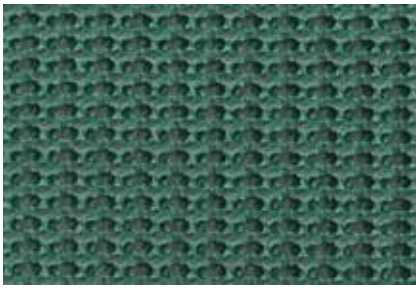
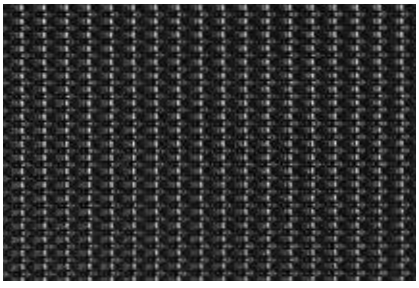


GB



GP



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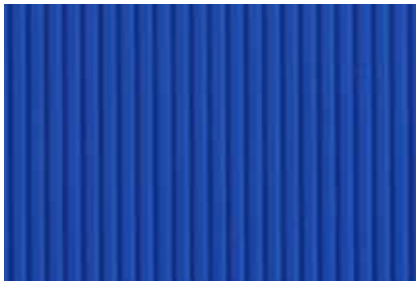
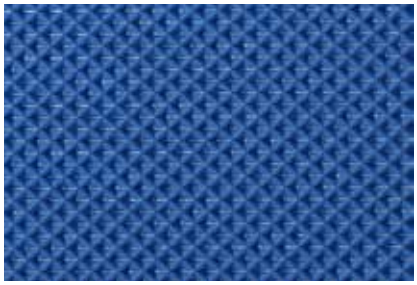
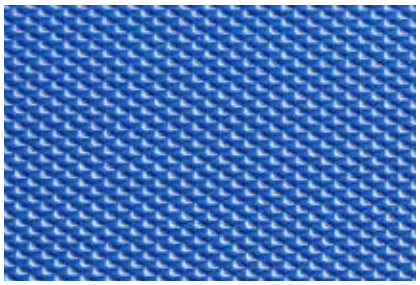


LG

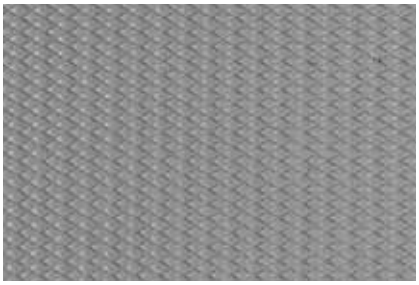
LT



PN



PPL



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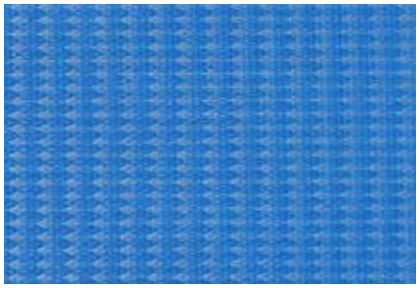


RA

RG

RL

RT

SK

SM

ST

STL

VL

Joining Systems

Conveyor and Transmission Belts

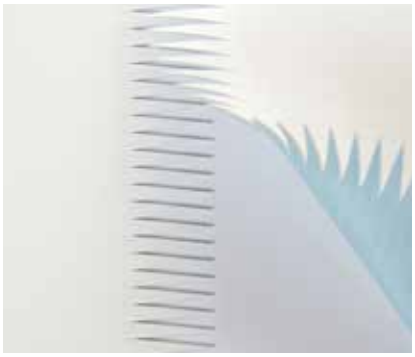
FINGER JOINTS
Traditional splicing method that guarantees thickness and alignment evenness.

- **MICRO Z**: fast joint for conveyor and transmission belts (picture 1).
- **SINGLE Z**: it offers the maximum of flexibility. Ideal on fixed knife edges. Seam sealing foil can be used to increase strength and for heavy applications (picture 2).
- **DOUBLE Z**: it provides high strength and can be used in alternative to single Z (picture 3).

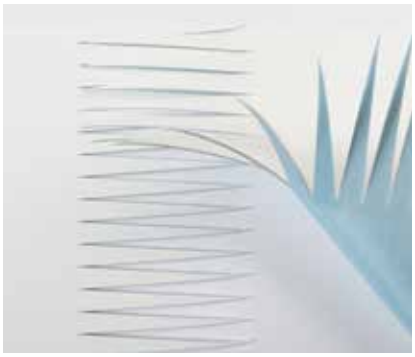
SKIVED
Joining method for polyamide transmission belts and some conveyor belts for special applications as alternative to the traditional finger joints (picture 4).

OVERLAP
This system is applicable to thermoplastic polyurethane belts (picture 5).

STEP
Method used as alternative to the traditional finger joints for special applications (picture 6).



1 - Micro Z

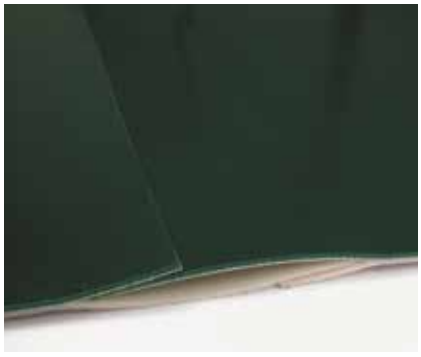


2 - Single Z

3 - Double Z

4 - Skived

5 - Overlap



6 - Step

PLASTIC FASTENER

Non metallic fastener made of polyester fabric and spiralace. It has a high resistance to chemicals, guarantees flexibility and a short replacement time. It is FDA approved. It is suitable for over 16 mm diameter pulleys and in particular in those applications involving X-Ray scanners or metal detectors (picture 7).

METAL FASTENERS

Mechanical fasteners suitable in those situations where ease and speed of fitting is required. They are available both in galvanized and stainless steel, in the following types:

- **M/G**: suitable for every belt type, in particular for airport systems, for food industry and for textile industry (picture 8).
- **M/M**: suitable for every belt type and application.
  They do not need equipment for their application (picture 9).
- **M/SL**: suitable for every belt type and application (picture 10).
- **M/SW**: suitable for belts thicker than 2 mm. They guarantee superior strenght.
  They are in particular used in the agricultural industry (picture 11).

BUTT SPLICE

Thermoplastic joining method for monolithic belts, used as an easy alternative to joint on-site (picture 12).

7 - Plastic

8 - Metal M/G

9 - Metal M/M

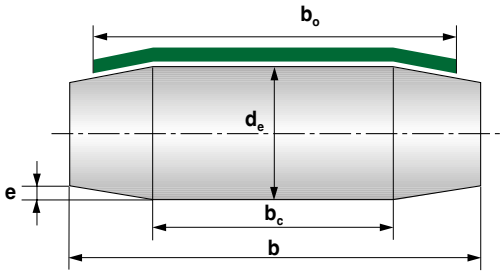
10 - Metal M/SL

11 - Metal M/SW

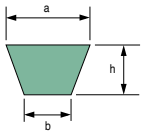
12 - Butt splice

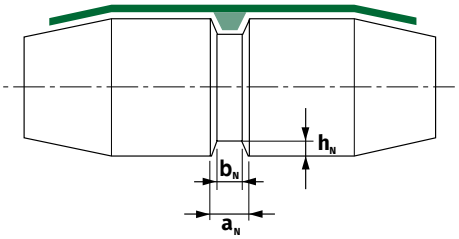
Configuration of the pulleys

Formulas to determine the values		
Pulley width:	$b = 1{,}1 \cdot b_o + 10$ mm	**Legend** b = pulley width b_c = width of the cylindrical section b_o = belt width d_e = external diameter e = taper
Taper:	$e = (d_e + 100)/500$ mm	
Cylindrical section according to the total pulley's width:	$b_c = b/2$ mm	



With trapezoidal guides		K6	K8	K10	K13	K17	K30
Profile dimensions mm	a	6	8	10	13	17	30
	h	3	5	6	8	11	17
	b	3	5	6	7	9	16
Groove dimensions mm	a_N	10	12	14	17	21	34
	h_N	5	7	8	10	13	18
	b_N	7	9	10	11	13	20





Tolerances on endless belts and cut lengths with textile carcass

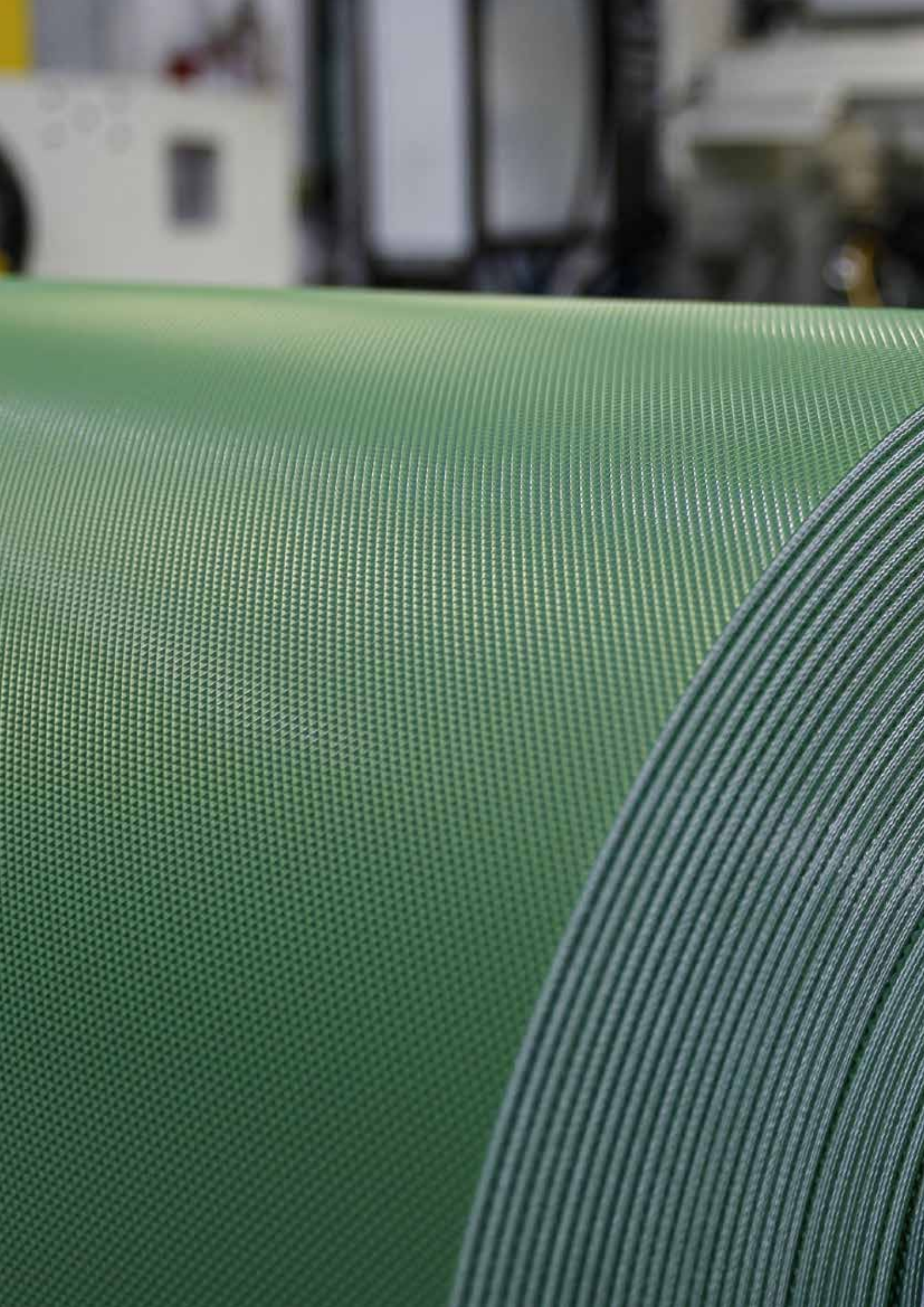
Widths mm			
10 ÷ 100	101 ÷ 500	501 ÷ 1000	1001 ÷ 3000
±2 mm	±4 mm	±6 mm	±10 mm

Lengths mm			
0 ÷ 2500	2501 ÷ 5000	5001 ÷ 10000	> 10000
± 0,5 %	± 0,4 %	± 0,3 %	± 0,2 %

These tolerances do not consider variations due to special environmental conditions.

Coefficient of friction on driving surface

Coating	Sliding bed		Motorized pulley	
	Raw steel sheet	Lamin. plastic or wood	Steel roller	Rubberized roller
0	0.20	0.02	0.20	0.30
G1	unsuitable		0.60	0.70
S0	0.30	0.40	0.30	0.50
U0	0.20	0.25	0.20	0.30
U2	0.40	0.50	0.30	0.40
U3, U5	0.40	0.50	0.40	0.60
V5, V10	unsuitable		0.40	0.60



PROFILES, GUIDES, SIDEWALLS

For a precise, safe & efficient handling

Chiorino wide range of profiles, guides and sidewalls are designed to enhance belt performances and product handling.

Available in multiple shapes, sizes, and materials, they ensure precise conveying, increased stability, even in demanding applications, while supporting hygiene, durability, and customization across any industrial sector.

The fully integrated in-house manufacturing and quality control ensure total compatibility with all conveyor belts, along with the compliance with any food regulations.

Materials

- Polyurethane (TPU)
- Antimicrobial polyurethane (TPU AM)
- Detectable polyurethane (DET & FXD)
- Polyvinylchloride (PVC)
- Thermoplastic polyolefins (TPO)

Colours

Chiorino accessories are produced in standard colours: white, blue, green, black, transparent.
Customized colours on demand.

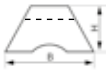
Key features

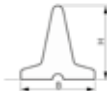
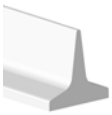
Food compliance

Excellent resistance to wear

Temperature resistance

Highest resistance to oils & chemicals

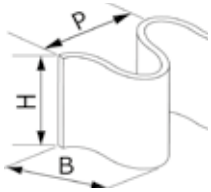
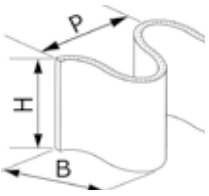
	Type	PU	PVC	Flat	Grooved	Base mm	Height mm	Long. min. diameter (1) mm	Transv. min. diameter (1) mm	Profile
K										
	**K6**		•	•		6	3	30	30	
	K6 U	•		•		6	3	35	30	
	K8		•	•	•	8	5	40	40	
	K8 U	•		•	•	8	5	50	50	
	K10		•	•	•	10	6	60	50	
	K10 U	•		•	•	10	6	65	50	
	K13		•	•	•	13	8	80	80	
	K13 U	•		•	•	13	8	85	80	
	K17		•	•	•	17	11	120	100	
	K17 U	•		•	•	17	11	125	120	
	K30		•	•		30	15	220	150	
KN										
	**KN8**		•	•	•	8	5	35	-	
	KN8 U	•		•	•	8	5	40	-	
	KN10		•	•	•	10	6	40	-	
	KN10 U	•		•	•	10	6	50	-	
	KN13		•	•	•	13	8	50	-	
	KN13 U	•		•	•	13	8	60	-	
	KN17		•	•	•	17	11	100	-	
	KN17 U	•		•	•	17	11	120	-	
	KN30		•	•		30	15	180	-	
S										
	**S8**		•	•	•	8	8	80	50	
	S8 U	•		•	•	8	8	70	50	
	S12		•	•	•	12	12	120	80	
	S12 U	•		•	•	12	12	100	80	
	S15		•		•	15	20	220	100	
	S20		•		•	20	15	220	130	
	S20 U	•			•	20	15	140	110	
	S25		•		•	20	25	300	150	
L U HP										
	**L20 U HP**	•		•		10	20	-	40	
	L30 U HP	•		•		10	30	-	40	
	L40 U HP	•		•		10	40	-	40	
	L50 U HP	•		•		10	50	-	40	
	L80 U HP	•		•		10	80		40	
L U										
	**L20 U**	•		•		20	20	-	60	
	L30 U	•		•		20	30	-	60	
	L40 U	•		•		20	40	-	60	
	L50 U	•		•		20	50	-	60	
	L60 U	•		•		20	60	-	60	
	L80 U	•		•		20	80	-	60	
L										
	**L20**		•		•	23	20	-	80	
	L30		•		•	23	30	-	80	
	L40		•		•	23	40	-	80	
	L50		•		•	27	50	-	100	
	L60		•		•	27	60	-	100	
	L70		•		•	27	70	-	100	
	L80		•		•	27	80		100	
L RF										
	**L20 RF**		•	•		20	20	-	80	
	L30 RF		•	•		20	30	-	80	
	L40 RF		•	•		20	40	-	80	
	L50 RF		•	•		20	50	-	80	
	L70 RF		•	•		20	70	-	80	

	Type	PU	PVC	Flat	Grooved	Base mm	Height mm	Long. min. diameter [1] mm	Transv. min. diameter [1] mm	Profile
T U HP										
	**T20 U HP**	•		•		10	20	-	40	
	T30 U HP	•		•		10	30	-	40	
	T40 U HP	•		•		10	40	-	40	
	T50 U HP	•		•		10	50	-	40	
	T60 U HP	•		•		10	60	-	40	
	T80 U HP	•		•		10	80	-	55	
	T100 U HP	•		•		10	100	-	55	
	T120 U HP	•		•		10	120	-	65	
	T150 U HP	•		•		10	150	-	65	
T S U HP										
	**TS80 U HP**	•		•		10	80	-	-	
	TS100 U HP	•		•		10	100	-	-	
	TS120 U HP	•		•		10	120	-	-	
T U										
	**T20 U DET**	•		•		10	20	-	60	
	T30 U DET	•		•		10	30	-	60	
	T40 U DET	•		•		10	40	-	60	
	T50 U DET	•		•		10	50	-	60	
	T60 U DET	•		•		10	60	-	60	
	T80 U DET	•		•		10	80	-	60	
	T20 U	•		•		20	20	-	60	
	**T30 U**	•		•		20	30	-	60	
	T40 U	•		•		20	40	-	60	
	T50 U	•		•		20	50	-	60	
	T60 U	•		•		20	60	-	60	
	T80 U	•		•		20	80	-	60	
T										
	T20		•		•	23	20	-	80	
	T30		•		•	23	30	-	80	
	T40		•		•	23	40	-	80	
	T50		•		•	27	50	-	100	
	T60		•		•	27	60	-	100	
	T70		•		•	27	70	-	100	
	T80		•		•	27	80	-	100	
T RF										
	T20 RF		•	•		20	20	-	80	
	T30 RF		•	•		20	30	-	80	
	**T40 RF**		•	•		20	40	-	80	
	T50 RF		•	•		20	50	-	80	
	T60 RF		•	•		20	60	-	80	
	T80 RF		•	•		20	80	-	80	

[1] Minimum pulley diameters referred to environment conditions of 20°C.

Standard colours: blue, green, white. Special colours can be supplied on request.

The data in this table were determined under normal environmental conditions and are subject to change without notice.

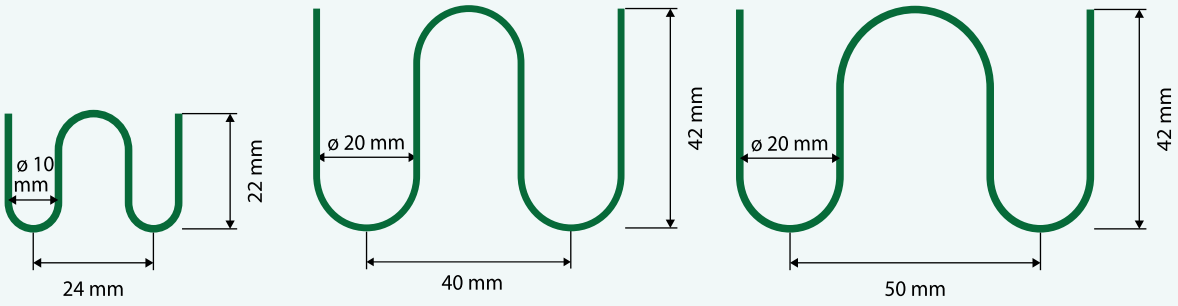
	Type	Dimensions			Thickness	Min. diameter [1]	Hardness	Sidewall
		Base mm	Height mm	Pitch mm	mm	mm	Sh.A	
POLYURETHANE SIDEWALLS								
	**C-U 10/20**	22	20	24	1.7	50	85	
	C-U 10/30	22	30	24	1.7	70	85	
	C-U 10/40	22	40	24	1.7	100	85	
	C-U 10/50	22	50	24	1.7	120	85	
	C-U 20/60	42	60	50	1.7	150	85	
	C-U 20/80	42	80	50	1.7	190	85	
	C-U 20/40 HP Compact blue	42	40	40	1.7	100	92	
	C-U 20/50 HP Compact blue	42	50	40	1.7	120	92	
	C-U 20/60 HP Compact blue	42	60	40	1.7	145	92	
	C-U 20/80 HP Compact blue	42	80	40	1.7	200	92	
	C-U 20/100 HP Compact blue	42	100	40	1.7	240	92	
	C-U 20/120 HP Compact blue	42	120	40	1.7	290	92	
	C-U 20/40 LB ProDrive	42	40	50	1.7	100	85	
	C-U 20/60 LB ProDrive	42	60	50	1.7	150	85	
	C-U 20/80 LB ProDrive	42	80	50	1.7	190	85	
PVC SIDEWALLS WITH TEXTILE CORE								
	**CV-T 10/20**	22	20	24	1.7	60	60	
	CV-T 10/30	22	30	24	1.7	80	60	
	CV-T 10/40	22	40	24	1.7	110	60	
	CV-T 10/50	22	50	24	1.7	140	60	
	CV-T 20/60	42	60	50	3.4	170	60	
	CV-T 20/80	42	80	50	3.4	210	60	

[1] Minimum pulley diameters referred to environment conditions of 20 °C

Standard colours: blue, green, white. Special colours can be supplied on request.

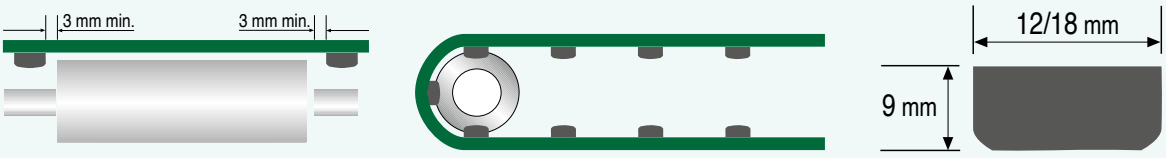
The data in this table were determined under normal environmental conditions and are subject to change without notice.

Width and pitch of the sidewalls



Guide buttons

In special applications when the belt must be kept perfectly in place, PVC or polyurethane guides can be replaced with excellent results by buttons.
These buttons allow drums with smaller diameters to be used. Made of plastic, they are smooth-running and wear-resistant; they are riveted on the belt, on one or on both edges.
At least three buttons must be in contact with the drum.
Consequently the pitch between buttons will be determined by the roller diameter.



Special profiles

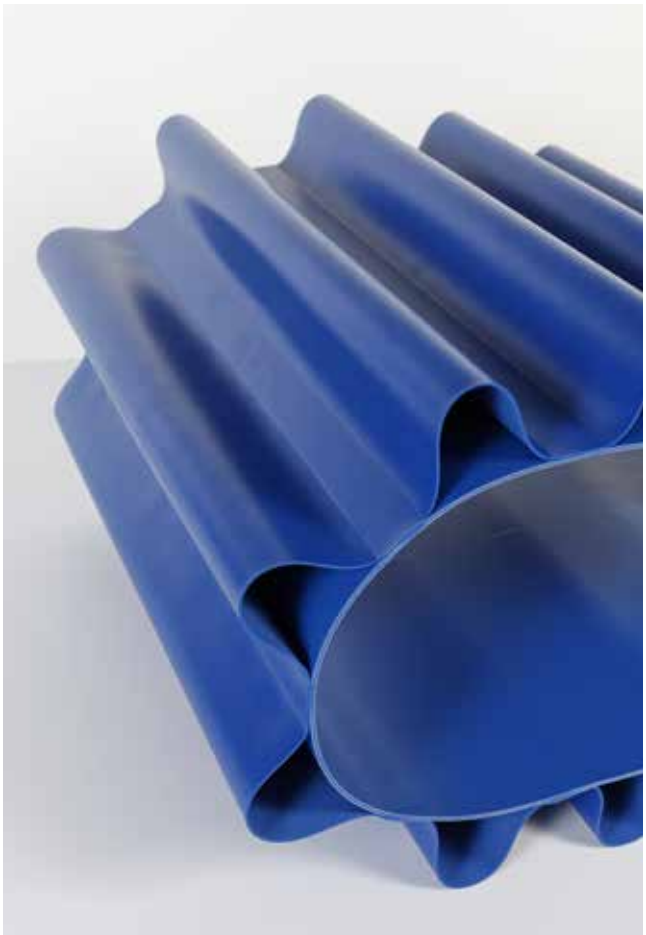
Fruits & vegetable sorting

FINGER

Finger profiles are designed for grading and sorting in the fruit and vegetable industry. Made from a special compound resistant to low temperatures, they are available in 100 mm and 130 mm heights to handle different volumes and products. The 130 mm version has an integrated reinforcement to reduce flexing under heavy loads.

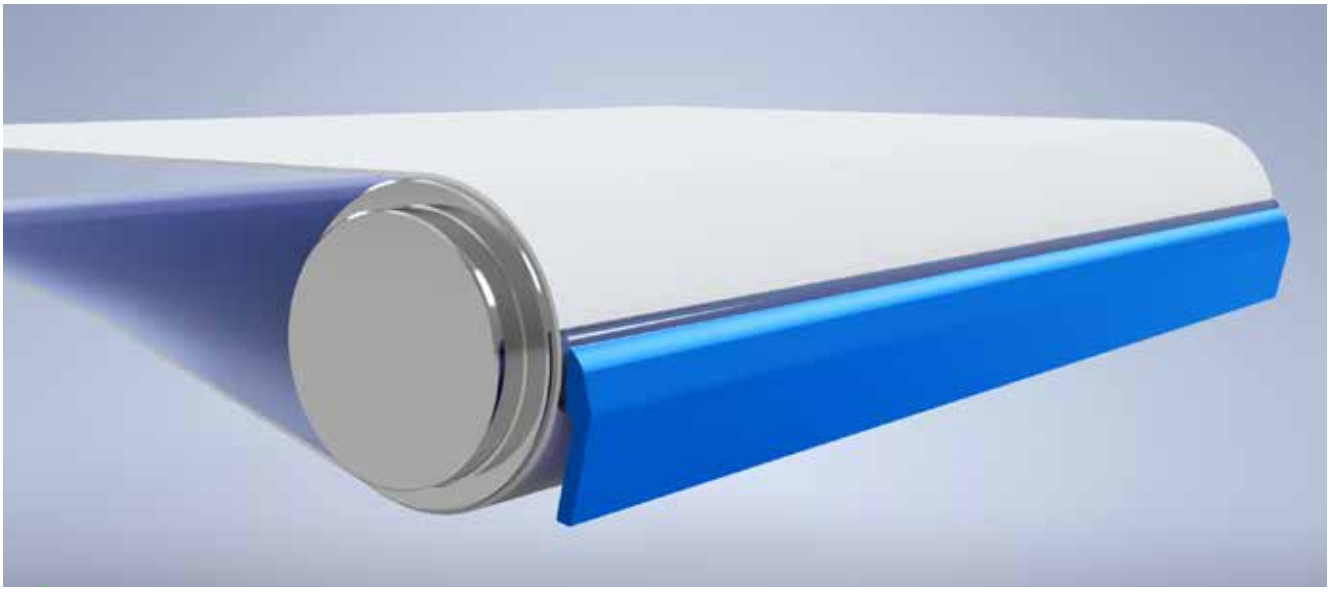
CORRUGATED

Corrugated profiles in TPU or PVC are designed for fruit conveying, cushioning delicate products to minimize bruising and damage. Their flexibility ensures smooth operation over small diameters, while the durable material resists abrasion and cleaning chemicals, ensuring hygiene and performance in high-throughput food environments.



Scrapers

Metal detectable



CHIORINO scraper is designed to remove sticky parts of processed food, with a gentle and effective cleaning action.

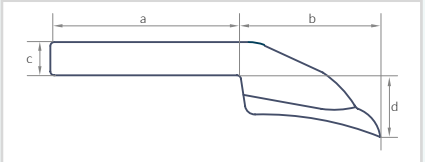
The soft tip of the scraper guarantees perfect cleaning and avoids wear and tear of the surface belt as it happens with the use of traditional scrapers made in metal or hard plastic.

Key features

- Metal detectable
- Resistance to oils & chemicals
- Food Compliant

DETECTABILITY & DESIGN

The CHIORINO TPU scraper can be detected in minimum sizes by any metal detector, increasing safety and hygiene in all food processing. It is also suitable for all fabric belts or plastic modular belts.



a	=	38	±2	mm
b	=	28	±2	mm
c	=	6.5	±0.2	mm
d	=	13	±1	mm

POLYURETHANE ROUND & V-BELTS

Quick & Easy maintenance on site

Chiorino polyurethane **round and V-belts** ideal for light conveying and for live rollers they ensure smooth operations being easy to install and replace, reducing downtime and maintenance, enhancing productivity across packaging, logistics, and food processing industries.

They offer excellent flexibility, resistance to wear and chemicals.

They are available both with smooth or rough texture, according to the application and performances expected.

Hygienic & Safe

HP® round belts provide a superior resistance to hydrolysis and to cleaning & sanitization systems, reducing time, water and energy consumption.

DET™ round belts prevent foreign material contamination thanks to the unique metal detectability properties.

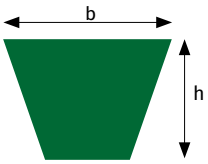
Key features

- Food compliance
- Excellent resistance to sanitizing
- Superior resistance to oils & chemicals
- Outstanding flexibility

Round belts

	Type	Material	Colour	Surface	Hardness Sh.A	Diameter mm	Pull for 8% elongation N	Min. pulley's diameter mm	Temperature resistance min. °C	Temperature resistance max.	Code
	HP										
	**RU-3 HP blue**	TPU HP®	blue	smooth	85	3	18	20	-20	60	ES603
	RU-4 HP blue	TPU HP®	blue	smooth	85	4	26	35	-20	60	ES604
	RU-5 HP blue	TPU HP®	blue	smooth	85	5	42	45	-20	60	ES605
	RU-6 HP blue	TPU HP®	blue	smooth	85	6	60	50	-20	60	ES606
	RU-8 HP blue	TPU HP®	blue	smooth	85	8	110	70	-20	60	ES607
	RU-4 R HP blue	TPU HP®	blue	rough	85	4	22	25	-20	60	ES719
	RU-6 R HP blue	TPU HP®	blue	rough	85	6	60	50	-20	60	ES720
	RU-10 HP blue	TPU HP®	blue	smooth	85	10	150	80	-20	60	ES630
	DET										
	**RU-3 blue DET**	TPU	dark blue	smooth	85	3	18	20	-20	60	ES873
	RU-4 blue DET	TPU	dark blue	smooth	85	4	30	35	-20	60	ES790
	RU-5 blue DET	TPU	dark blue	smooth	85	5	50	45	-20	60	ES822
	RU-5 R blue DET	TPU	dark blue	rough	85	5	50	45	-20	60	ES832
	RU-6 blue DET	TPU	dark blue	smooth	85	6	70	50	-20	60	ES791
	RU-8 blue DET	TPU	dark blue	smooth	85	8	130	70	-20	60	ES792
	RU-8 R blue DET	TPU	dark blue	rough	85	8	130	70	-20	60	ES830
	Polyurethane										
	**RU-2**	TPU	green	rough	92	2	8	15	-20	60	ES226
	RU-3	TPU	green	rough	92	3	18	20	-20	60	ES227
	RU-4	TPU	green	rough	92	4	30	35	-20	60	ES228
	RU-5	TPU	green	rough	92	5	50	45	-20	60	ES229
	RU-6	TPU	green	rough	92	6	70	50	-20	60	ES230
	RU-7	TPU	green	rough	92	7	100	60	-20	60	ES231
	RU-8	TPU	green	rough	92	8	130	70	-20	60	ES232
	RU-9	TPU	green	rough	92	9	160	75	-20	60	ES233
	RU-10	TPU	green	rough	92	10	200	80	-20	60	ES220
	RU-12	TPU	green	rough	92	12	280	100	-20	60	ES222
	RU-15	TPU	green	rough	92	15	440	130	-20	60	ES224

V-belts



Type	Material	Colour	Surface	Hardness Sh.A	Section mm b h	Pull for 8% elongation N	Min. pulley's diameter mm	Temperature resistance min. °C max.		Code
PU "L" 8x5	TPU	green	smooth	92	L = 8 x 5	16	40	-20	60	ES204
PU "Z" 10x6	TPU	green	smooth	92	Z = 10 x 6	28	50	-20	60	ES202
PU "A" 13x8	TPU	green	smooth	92	A = 13 x 8	45	60	-20	60	ES206
PU "B" 17x11	TPU	green	smooth	92	B = 17 x 11	62	75	-20	60	ES203
PU "C" 22x14	TPU	green	smooth	92	C = 22 x 14	105	100	-20	60	ES246

Belts diameter	Nominal transmission power (kW) - Tension 8% speed m/sec				Pull for 8% elongation	Min. pulley's diameter
mm	2.5	5	10	15	N	mm
2	0.01	0.02	0.04	0.06	8	15
3	0.02	0.05	0.07	0.12	18	20
4	0.04	0.08	0.16	0.23	30	35
5	0.06	0.13	0.25	0.37	50	45
6	0.09	0.18	0.36	0.50	70	50
7	0.12	0.25	0.50	0.75	100	60
8	0.17	0.35	0.70	0.90	130	70
9	0.20	0.40	0.85	1.12	160	75
10	0.27	0.55	1.05	1.50	200	80
12	0.40	0.80	1.50	2.00	280	100
15	0.58	1.15	2.00	3.30	440	130

The data in this tables were determined under normal environmental conditions and are subject to change without notice.

Welder S15

Welder for fast joining of Chiorino thermoplastic TPU round and "V" belts.
It can be supplied with clamp and pliers.

Dimensions Width x Length x Height	Weight	Code
160 x 90 x 110 mm	3 kg	AT49

POWER TRANSMISSION BELTS

Empowering motion

High-performance power transmission belts designed for efficiency and durability across high demanding applications such as textile, paper and printing, logistics and raw materials.

Engineered with advanced materials, they ensure excellent resistance to wear, heat, and chemicals, superior grip and flexibility, reducing energy consumption and maintenance, enhancing productivity.

The DG HS Food grade belts are food compliant and they are ideal for aseptic packagings for food and pharmaceutical use.

Materials

Chiorino power transmission belts are available in a wide range of materials according to the application.

- Synthetic elastomers
- HS high performing elastomer
- Food Grade elastomer
- Polyurethane
- Leather
- Special CHIO-TPE interply on fast joint belts
- High duty polyamide traction core

Fast Joint

Chiorino T-E, T-A and DG-E series have the special thermoplastic CHIO-TPE intermediate layer that allows a quick splicing on site minimizing downtime and improving the belt flexibility for less energy consumption.

Downtime minimization

Energy saving

Key features

The wide range of Chiorino transmission belts offer high efficiency, smooth operation, low noise, enduring long service life, minimal maintenance and reduced power consumption.

- Excellent flexibility
- Uniform coefficient of friction
- Highest resistance to abrasion
- Antistatic properties
- Oils and chemical resistance
- Ideal for high speed
- Food compliance
- Energy saving

Applications

Chiorino solutions are ideal for increasing efficiency on high demanding applications such as tangential drives, live rollers and folder gluers.

- Textile
- Paper & Printing
- Intralogistics
- Raw materials

T series

Specifically engineered for tangential drives in the textile industry, they offer a smooth and quiet running, antistatic properties, optimal grip, energy efficiency, and resistance to abrasion, heat, oil, dust.

T HS - Superior HS® elastomer
T-OE - For the latest open-end frames

FASTJOINT thermoplastic belts with flexible CHIO-TPE intermediate layer:

T-A - Aramid traction core
T-E - Polyester traction core

DG series

DG HS® belts feature a unique high-efficiency elastomer, offering excellent abrasion resistance, consistent friction, high elasticity, crack resistance, and long service life. Ideal for folder-gluers, tube winders and graphic industries.

DG HS - Polyamide traction core
DG HS Food Grade - Food compliant

FASTJOINT thermoplastic belts with flexible CHIO-TPE intermediate layer:

DG-E HS - Polyester traction core

P series

Suitable for light and medium drives, power tools and auxiliary drives in textile and mechanical industries. Also used as conveyor belts in packaging and graphic arts industries. Antistatic.

Z series

Engineered for medium to high horsepower drives and tough conditions (pumps, ventilators, mixers, rolling mills, turbines, saws, chippers). Highly abrasion resistant, oil and grease proof, antistatic.

LL, LT series

Chrome leather covers, ideal for drives subject to violent overloads. They allow slip without burning and suit conic, cross & multiple drives, chippers, crushers, paper mills.

Type	Top surface Material	Top surface Colour	Traction core	Driving surface Material	Driving surface Colour	Total thickness mm	Min. diameter [1] mm	Pull for 1% elong. N/mm	Tensile strenght N/mm	Temperature resistance min. °C	Temperature resistance max.	Code
T-A												
T60/30A	Elastomer	green	Aramide	Elastomer	black	3.00	80	60.0 [2]	250	-20	80	CG256
T-E												
T25/20E	Elastomer	green	PET	Elastomer	black	2.00	25	15.0 [2]	200	-20	80	CG325
T25/25E	Elastomer	green	PET	Elastomer	black	2.50	40	15.0 [2]	200	-20	80	CG331
T40/25E	Elastomer	green	PET	Elastomer	black	2.50	50	19.0 [2]	240	-20	80	CG329
T40/30E	Elastomer	green	PET	Elastomer	black	3.00	50	19.0 [2]	245	-20	80	CG332
T55/30E	Elastomer	green	PET	Elastomer	black	3.00	50	21.0 [2]	290	-20	80	CG328
T-OE												
T40/26E-OE	Elastomer	blue	PET	Elastomer	black	2.60	50	19.0 [2]	240	-20	80	CG317
T HS												
T0 HS	Elastomer	light green	PA	Elastomer	green	1.40	20	2.0 [2]	170	-20	100	CG334
T1 HS	Elastomer	light green	PA	Elastomer	green	1.50	25	5.0 [2]	300	-20	100	CG335
T1R HS	Elastomer	light green	PA	Elastomer	green	2.10	25	5.0 [2]	300	-20	100	CG341
T2 HS	Elastomer	light green	PA	Elastomer	green	2.35	60	8.0 [2]	390	-20	100	CG336
T2R HS	Elastomer	light green	PA	Elastomer	green	3.00	60	8.0 [2]	390	-20	100	CG342
T3 HS	Elastomer	light green	PA	Elastomer	green	2.60	100	11.0 [2]	450	-20	100	CG337
T3R HS	Elastomer	light green	PA	Elastomer	green	3.20	100	11.0 [2]	450	-20	100	CG343
T4 HS	Elastomer	light green	PA	Elastomer	green	3.10	150	12.5 [2]	600	-20	100	CG338
T4-15 HS	Elastomer	light green	PA	Elastomer	green	3.10	150	15.0 [2]	600	-20	100	CG345
T4-15R HS	Elastomer	light green	PA	Elastomer	green	3.90	150	15.0 [2]	600	-20	100	CG346
T6 HS	Elastomer	light green	PA	Elastomer	green	3.50	200	18.0 [2]	800	-20	100	CG339
P												
P0	TPU	green	PA	Elastomer	green	0.90	15	2.0	80	-20	100	CG3
PR0	TPU	green	PA	TPU	green	1.00	20	3.0	120	0	100	CG1
P1	TPU	green	PA	Elastomer	green	1.40	25	5.0	200	-20	100	CG217
P2	TPU	green	PA	Elastomer	green	2.10	50	7.5	300	-20	100	CG219
Z												
Z9	TPU	black	PA	Elastomer	black	4.90	300	30.0	1200	-20	100	CG12
Z12	TPU	black	PA	Elastomer	black	5.60	400	40.0	1600	-20	100	CG13

[1] The above mentioned values depend on the running speed
[2] The value indicated refers to the relaxed K value

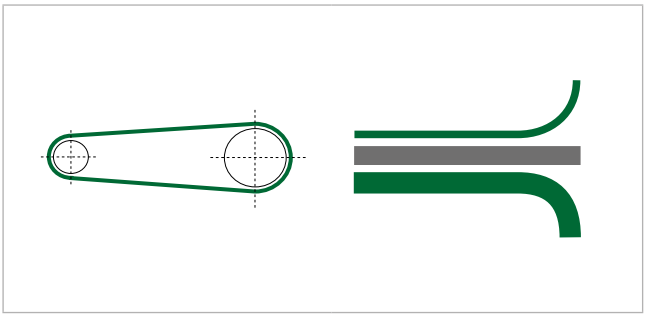
Type	Top surface Material	Top surface Colour	Traction core	Driving surface Material	Driving surface Colour	Total thickness mm	Min. diameter (1) mm	Pull for 1% elong. N/mm	Tensile strenght N/mm	Temperature resistance min. °C	Temperature resistance max.	Code
DG-E HS												
DG-E 10/30 HS	Elastomer	green	PET	Elastomer	green	3.00	30	15.0	250	-20	80	CG296
DG-E 10/40 HS	Elastomer	green	PET	Elastomer	green	4.00	40	15.0	250	-20	80	CG297
DG-E 10/50 HS	Elastomer	green	PET	Elastomer	green	5.00	60	15.0	250	-20	80	CG298
DG-E 10/60 HS	Elastomer	green	PET	Elastomer	green	6.00	60	15.0	250	-20	80	CG299
DG HS												
DG1/15 HS	Elastomer	green	PA	Elastomer	green	1.60	20	5.0	300	-20	100	CG289
DG1/30 HS	Elastomer	green	PA	Elastomer	green	3.00	30	5.0	300	-20	100	CG290
DG1/40 HS	Elastomer	green	PA	Elastomer	green	4.00	40	5.0	300	-20	100	CG291
DG2/20 HS	Elastomer	green	PA	Elastomer	green	2.40	40	8.0	390	-20	100	CG292
DG2/30 HS	Elastomer	green	PA	Elastomer	green	3.20	40	8.0	390	-20	100	CG293
DG2/40 HS	Elastomer	green	PA	Elastomer	green	4.00	50	8.0	390	-20	100	CG294
DG2/60 HS	Elastomer	green	PA	Elastomer	green	5.50	60	8.0	390	-20	100	CG295
DG1/40 HS Food Grade	Elastomer	Ivory	PA	Elastomer	ivory	4.00	40	5.0	300	-20	100	CG326
DG1/30 HS Food Grade	Elastomer	Ivory	PA	Elastomer	ivory	3.00	30	5.0	300	-20	100	CG327
LT												
LT0R	TPU	red	PA	Leather	grey	2.40	30	3.0	120	0	80	CG24
LT1	TPU	red	PA	Leather	grey	2.50	50	5.0	200	0	80	CG25
LT2	TPU	red	PA	Leather	grey	3.10	75	7.5	300	0	80	CG26
LT3	TPU	red	PA	Leather	grey	3.30	100	10.0	400	0	80	CG27
LT4	TPU	red	PA	Leather	grey	3.80	150	15.0	600	0	80	CG28
LT6	TPU	red	PA	Leather	grey	4.40	200	20.0	800	0	80	CG29
LT9	TPU	red	PA	Leather	grey	5.60	300	30.0	1200	0	80	CG30
LT12	TPU	red	PA	Leather	grey	6.10	400	40.0	1600	0	80	CG31
LL												
LL0 L	Leather	grey	PA	Leather	grey	3.20	50	2.0	80	0	80	CG67
LL1	Leather	grey	PA	Leather	grey	3.20	50	5.0	200	0	80	CG34
LL2	Leather	grey	PA	Leather	grey	4.00	75	7.5	300	0	80	CG35
LL3	Leather	grey	PA	Leather	grey	4.20	100	10.0	400	0	80	CG36
LL4	Leather	grey	PA	Leather	grey	4.80	150	15.0	600	0	80	CG37
LL6	Leather	grey	PA	Leather	grey	6.00	200	20.0	800	0	80	CG38
LL9	Leather	grey	PA	Leather	grey	7.20	300	30.0	1200	0	80	CG39

The data in this table were determined under normal environmental conditions and are subject to change without notice.

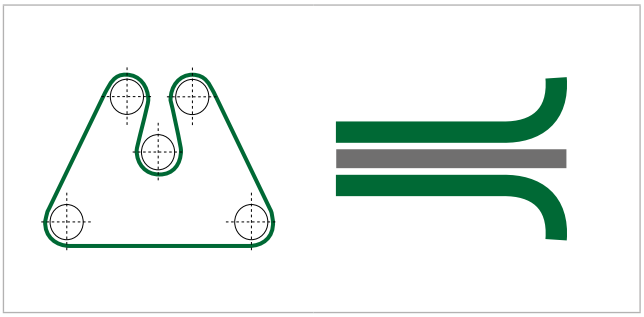
Flat belts structure

Top surface	P, Z, LT		Polyurethane
	DG-E HS, DG HS, T-A, T-E, T-OE		Elastomer
	LL		Leather
Traction core	P, PR, Z, T HS, T-E, DG HS, LT, LL	class 0÷6	Mono ply polyamide
		class 9÷12	Double ply polyamide
	DG-E HS		Polyester fabric
	T-A		Aramid fabric
Driving surface	PR		Polyurethane
	DG-E HS, DG HS, P, Z, T HS, T-A, T-E, T-OE		Elastomer
	LT, LL		Leather

Asymmetric



Symmetric



Rolls sizes

The maximum production width of the transmission belts is 500 mm.
Maximum rolls' length (narrower, shorter, longer rolls can be supplied upon request):

DG HS, PR, P, Z, T HS, T-E, T-A	120 m approx.	**LT 0÷6, LL 0÷4**	120 m approx.	**DG-E HS, LT 9÷12, LL 6÷9**	60 m approx.

Endless belts tolerances

Width mm	< 60	± 1
	60 ÷ 150	± 1,5
	> 150	± 2

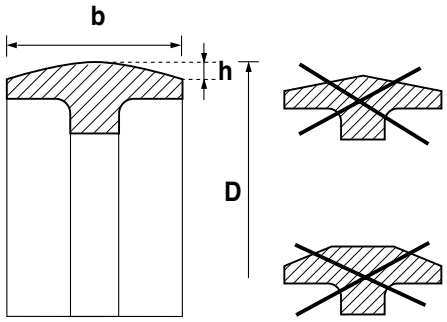
Length mm	< 5.000	± 0,5%
	5.000 ÷ 20.000	± 0,3%
	> 20.000	± 0,2 %

Configuration of the pulleys

To assist tracking of the belt it is advisable to crown the drive pulley. When considering drives with minimal difference between the pulleys' diameters or with vertical or semi-crossed drives, it is advisable to also crown the smaller pulley, decreasing the h value by half. With multiple pulley drives, the pulleys to be crowned are only those touched by the same face of the belt. It is important to crown the pulley (s) as shown in the figure below. Do not fit pointed or truncated cone-shaped pulleys. Materials recommended: cast iron or steel with smooth surface finish. The dimension h is a value of the pulley diameter up to 400 mm (see table 1). For ø ≥ 400 mm, h is a value of the diameter ø, as well as the face width b of the pulley (see table 2). Usually the belt width recommended is as a minimum 10 mm narrower than the pulley face width.

TAB. 1
Dimensions for pulleys having diameter D from 40 to 355 mm (ISO R 22/DIN 111)

Diameter D	Dimension h max
from 40 to 112	0.3
125 and 140	0.4
160 and 180	0.5
200 and 224	0.6
250 and 280	0.8
315 and 355	1.0



TAB. 2
Dimensions for pulleys having diameter D from 400 to 2000 mm. (ISO R 22 / DIN 111)

Width b	≤125	140 and 160	180 and 200	224 and 250	280 and 315	355	≥400
Diameter D	Dimension h max						
400	1.0	1.2	1.2	1.2	1.2	1.2	1.2
459	1.0	1.2	1.2	1.2	1.2	1.2	1.2
500	1.0	1.5	1.5	1.5	1.5	1.5	1.5
560	1.0	1.5	1.5	1.5	1.5	1.5	1.5
630	1.0	1.5	2.0	2.0	2.0	2.0	2.0
710	1.0	1.5	2.0	2.0	2.0	2.0	2.0
800	1.0	1.5	2.0	2.5	2.5	2.5	2.5
900	1.0	1.5	2.0	2.5	2.5	2.5	2.5
1000	1.0	1.5	2.0	2.5	3.0	3.0	3.0
1120	1.2	1.5	2.0	2.5	3.0	3.0	3.5
1250	1.2	1.5	2.0	2.5	3.0	3.5	4.0
1400	1.5	2.0	2.5	3.0	3.5	4.0	4.0
1600	1.5	2.0	2.5	3.0	3.5	4.0	5.0
1800	2.0	2.5	3.0	3.5	4.0	5.0	5.0
2000	2.0	2.5	3.0	3.5	4.0	5.0	6.0

SEAMLESS BELTS

Truly endless & Self-regenerating properties

CHIORINO offers a wide range of self-regenerating MF® elastomer and silicone endless belts especially used in carton folding and packaging.

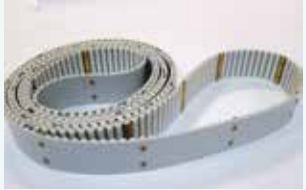
They feature seamless construction for consistent friction, precise thickness and excellent dimensional stability from a polyester fabric core.

Seamless belts are also available in EU & FDA food compliant elastomer or silicone, ideal for food or pharmaceutical aseptic packaging.

Timing belts

CHIORINO POLAND manufactures a wide range of polyurethane and elastomer timing belts, customized to demanding and specific technical needs.

Learn more about timing belts



Tube winders

Chiorino Tube winder belts are designed to offer outstanding resistance to abrasion and a perfect balance between grip and smoothness.

Learn more about tube winder belts

Carton folding

Feeder belts

Feeder belts on folder-gluers for smooth and corrugated cardboard, offering consistent feeding even on the fastest machines and long service life.

The MF® self-regenerating elastomer maintains the coefficient of friction unchanged over time.

Available in different hardness to offer optimal performances according to the type of carton to be processed:

- **L raspberry:** suitable for smooth cardboard, either glossy or matt.
- **R purple red**: suitable for abrasive smooth cardboard, PVC boxes, corrugated cardboard.
- **HS W white**: for very abrasive and heavy cardboard and for high speed folder-gluers. Food EU regulations & FDA compliant.

Type	Outer cover material	Colour	Available thickness [1] mm	Hardness Sh.A	Traction core	Inner cover material	Colour	Hardness Sh.A
MF L-351 G	Elastomer	raspberry	6:12	35	Polyester	Elastomer	green	65
MF R-351 G	Elastomer	purple red	6:12	45	Polyester	Elastomer	green	65
MF HS W-351 G	Elastomer	white	6:12	40	Polyester	Elastomer	green	65
MF L-300	Elastomer	raspberry	6:12	35	Polyester	-	green	-
MF R-300	Elastomer	purple red	6:12	45	Polyester	-	black	-
MF HS W-300	Elastomer	white	6:12	40	Polyester	-	black	-

[1] For non standard thicknesses, please contact the CHIORINO technical assistance.

The data in this table were determined under normal environmental conditions and are subject to change without notice.

Packaging

Vertical Form-Fill Sealer belts

Form-fill sealers belts to enhance the filling of paper or plastic packets in the packaging industry, ensuring maximum precision and high abrasion resistance.

Designed for high-speed operations, they maintain properties unchanged over time.

Available in different materials to offer optimal performances according to the type of packaging:

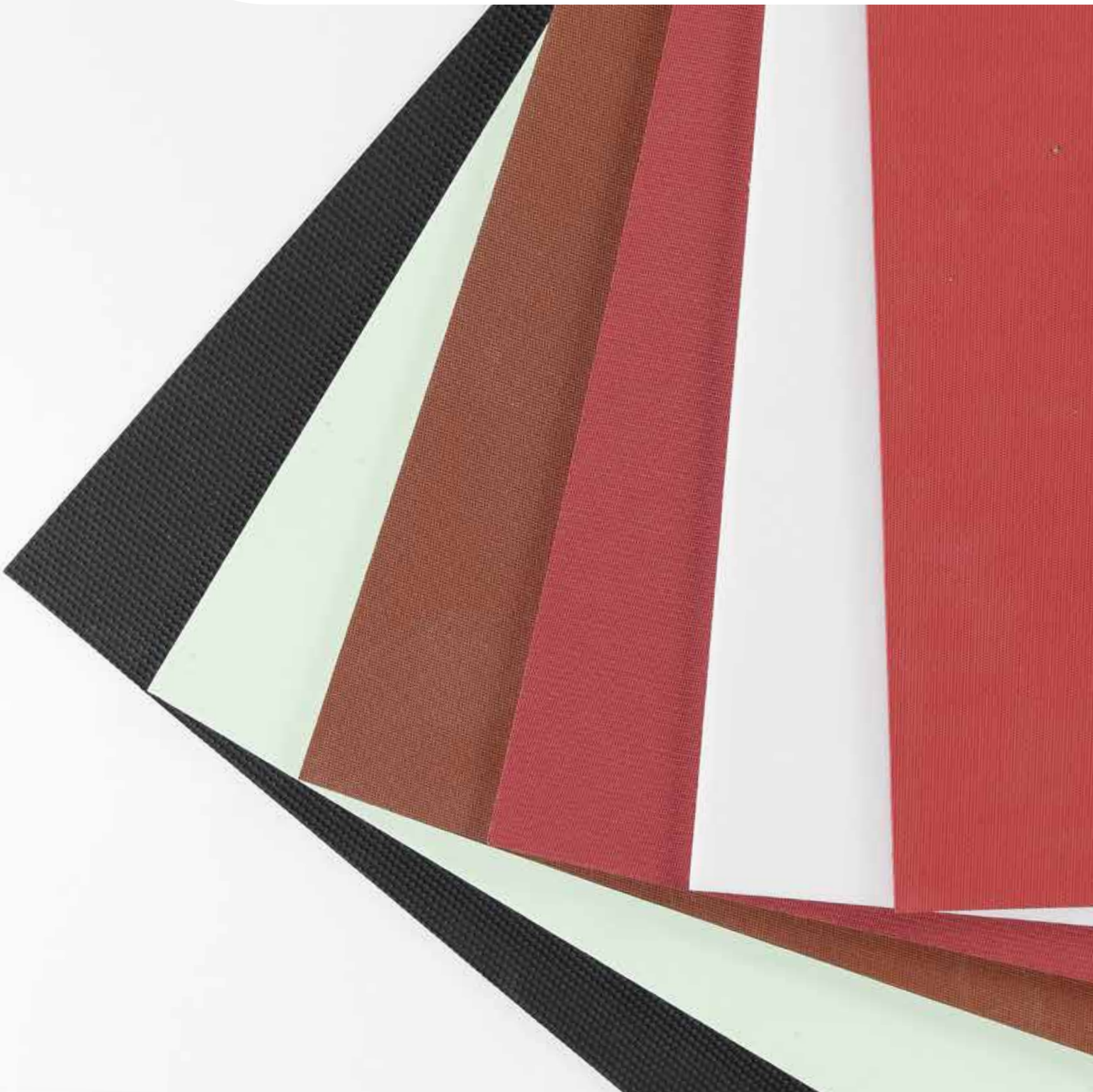
- **R purple red:** for PVC and polyethylene films; also suitable for abrasive packagings (paper, fabric).
- **B beige**: particularly suitable for abrasive packagings (paper, fabric).
- **Silicone**: EU regulations & FDA compliant for aseptic packagings in food and pharmaceuticals.

Type	Outer cover material	Colour	Available thickness [1] mm	Hardness Sh.A	Traction core	Inner cover material	Colour	Hardness Sh.A
MF R-052	Elastomer	purple red	5:15	45	-	Elastomer	Purple red	45
MF R-053	Elastomer	purple red	5:15	45	-	Elastomer	black	65
MF B-300	Elastomer	beige	6:12	50	Polyester	-	black	-
MF R-300	Elastomer	purple red	6:12	45	Polyester	-	black	-
MF D-SIL blue Food Grade	Silicone	blue	5:10	35	Polyester	Elastomer	black	90

[1] For non standard thicknesses, please contact the CHIORINO technical assistance.

The data in this table were determined under normal environmental conditions and are subject to change without notice.

ELASTOMER & SILICONE SHEETING



High-performance unique & premium coverings

Chiorino manufactures premium elastomer and silicone sheetings that are the ideal solutions for many industrial sectors where high elasticity and abrasion resistance are required:

- **Elastomer for excellent flexibility**
- **Silicone for high-temperatures**

Available in widths up to 1600 or 2000 mm and standard lengths of 100/200 m, CHIORINO sheeting can also be custom-cut. Offered in 35–50 Sh.A hardness, various colors, and standard thicknesses from 1 to 10 mm (others on request).

SOLARplus™

SOLARplus membrane is a ultra-resistant PTFE/silicone sheet with a special protective layer. It delivers excellent performances and optimized cost of ownership in photovoltaic panel lamination.

Learn more on SOLAR PLUS

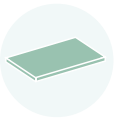
X-Weld™

X-Weld™ is a unique thermoweldable multilayer covering for V-Guides timing belts. It provides superior friction, abrasion resistance & permanent adhesion without glues thanks to the fast hot-air welding.

Learn more on X-WELD

Main applications

Furniture manufacturing	On veneering presses, for the application of PVC or wood films on shaped panels. Silicone can operate at temperatures up to 200° C.
Carton box folding	Supplied for covering timing or flat belts, suitable for any kind of carton, performing ideal coefficient of friction and excellent wearing properties.
Packaging	Supplied as covering for flat or timing belts automatic bag filling machines.
Leather	Applied on embossing and finishing machines for leather and synthetic materials, guaranteeing uniform pressure distribution, excellent heat resistance and superior surface quality.
Silk screen printing	Used as covering on printing and drying units, offering optimal grip, consistent temperature control and durability under continuous operation.
More industries	Mining and ceramics for material sieving, linings for piping for pumping water and silt from rivers, window wipers etc.



Type	Material	Colour	Total thickness	Hardness	Surface pattern		Temperature resistance min. / max [2]		Production width	Code
			mm	Sh.A	outer	inner	min °C	max	mm	
FURNITURE VENEERING PRESSES										
LI-G10	Elastomer	brown	1.00	45	smooth	FL	-20	120	2000	LA8
LI-G20	Elastomer	brown	2.00	45	smooth	FL	-20	120	2000	LA27
LI-G25	Elastomer	brown	2.50	45	smooth	FL	-20	120	2000	LA9
LI-G35	Elastomer	brown	3.50	45	smooth	FL	-20	120	2000	LA10
LI-G40	Elastomer	brown	4.00	45	smooth	FL	-20	120	2000	LA11
LI-G50	Elastomer	brown	5.00	45	smooth	FL	-20	120	2000	LA12
LI-SI10	Silicone	ivory	1.00	40	smooth	FL	-50	160	2000	LA19
LI-SI20	Silicone	ivory	2.00	40	smooth	FL	-50	160	2000	LA13
LI-SI30	Silicone	ivory	3.00	40	smooth	FL	-50	160	2000	LA14
LI-SI40	Silicone	ivory	4.00	40	smooth	FL	-50	160	2000	LA15
LI-SI10 W	Silicone	white	1.00	50	smooth	FL	-50	200	2000	LA37
LI-SI20 W	Silicone	white	2.00	50	smooth	FL	-50	200	2000	LA33
LI-SI30 W	Silicone	white	3.00	50	smooth	FL	-50	200	2000	LA38
LI-SI40 W	Silicone	white	4.00	50	smooth	FL	-50	200	2000	LA39
CARTON BOX FOLDING INDUSTRY & PACKAGING										
LC-G20 MF-R	Elastomer	purple red	2.00	45	FL	FL	-20	100	1600	LA1
LC-G30 MF-R	Elastomer	purple red	3.00	35	FL	FL	-30	80	1600	LA2
LC-G30 MF-L	Elastomer	raspberry	3.00	35	FL	FL	-20	100	1600	LA45
LC-G40 MF-R	Elastomer	purple red	4.00	45	FL	FL	-30	80	1600	LA3
LC-G40 MF-L	Elastomer	raspberry	4.00	35	FL	FL	-20	100	1600	LA42
LC-G50 MF-R	Elastomer	purple red	5.00	45	FL	FL	-30	80	1600	LA4
LC-G50 MF-L	Elastomer	raspberry	5.00	35	FL	FL	-20	100	1600	LA35
LC-G60 MF-R	Elastomer	purple red	6.00	45	FL	FL	-30	80	1600	LA5
LC-G60 MF-L	Elastomer	raspberry	6.00	35	FL	FL	-20	100	1600	LA48
LC-G80 MF-R	Elastomer	purple red	8.00	45	FL	FL	-30	80	1600	LA6
LC-G80 MF-L	Elastomer	raspberry	8.00	35	FL	FL	-20	100	1600	LA46
LC-G100 MF-R	Elastomer	purple red	10.00	45	FL	FL	-20	100	1600	LA7
LEATHER INDUSTRY										
LP-G20 FL	Elastomer	brown	2.20	45	FL	FL	-20	120	2000	LA20
LP-G25 FL	Elastomer	brown	2.50	45	FL	FL	-20	120	2000	LA23
SILK-SCREEN PRINTING										
LX45-G-20	Elastomer	black	2.20	45	FH	FL	-20	100	2000	LA34

The data in this table were determined under normal environmental conditions and are subject to change without notice.

TEXGUM™
ROLLER COVERINGS

Grip. Precision. Reliability. Every Time

Chiorino TEXGUM™ roller coverings are designed to increase the coefficient of friction of rollers and are suitable for any fabric.

Thanks to the fully automated production and control cycle, they guarantee excellent dimensional stability, even for wet processing.

Available in different materials and textures to cover all demanding applications, especially in the textile industry.

- **Natural & synthetic elastomer**
- **PVC**
- **Silicone**
- **Neoprene**
- **Velvet**

Recommendations for fitting

Clean rollers thoroughly using non-oily solvent. To wrap the roller covering spirally, cut the covering's end at an angle, with the length equal to the roller's circumference. Apply adhesive first to the roller, then to the Texgum covering. Wrap the covering around the roller while it is still slightly tacky. Ensure that the silicone adhesive is applied only to the roller, and immediately wrap the covering onto it. Fix the ends of the covering with adhesive tape. Allow 8 hours before use.

Adhesives

Texcol for all types, except SI0-FG.

Silicone for SI0-FG.

Key features

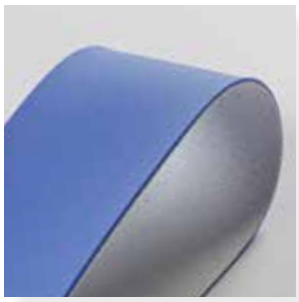
Excellent resistance to wear

Highest resistance to oils & chemicals

High temperature resistance

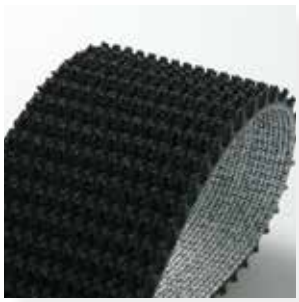
Longest service life

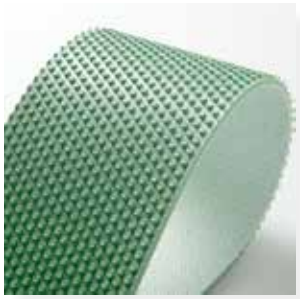
Textures


1 - Light fabric


2 - Medium fabric


3 - Heavy fabric


4 - Grip face


5 - Pimpled


6 - Fine sandblast


7 - Medium sandblast


8 - Heavy sandblast

Type	Material	Colour	Total thickness mm	Hardness Sh.A	Temperature resistance min. °C	Temperature resistance max. °C	Rolls length m	Code
TEXGUM™								
NG0	Natural elastomer	sand	1.50	50	0	100	115	TX84
NG3	Natural elastomer	sand	2.00	50	0	100	100	TX11
NG5	Natural elastomer	sand	1.90	50	0	100	100	TX14
NG7	Natural elastomer	sand	1.70	50	0	100	115	TX16
NG7-S	Natural elastomer	sand	2.50	50	0	100	115	TX17
NG8	Natural elastomer	sand	2.00	55	0	100	100	TX166
SG0	Synthetic elastomer	dark grey	1.80	55	-10	120	115	TX36
SG0-D	Synthetic elastomer	light grey	2.30	75	-10	120	115	TX38
SG0-E	Synthetic elastomer	sand	2.70	40	-10	120	115	TX78
SG0-E nc	Synthetic elastomer	hazelnut	2.70	40	-10	120	115	TX170
SG0-M	Synthetic elastomer	dark grey	2.20	50	-10	120	115	TX99
SG0-S	Synthetic elastomer	dark grey	2.50	55	-10	120	115	TX40
SG1	Synthetic elastomer	dark grey	2.00	55	-10	120	115	TX42
SG1-E	Synthetic elastomer	sand	3.00	40	-10	120	115	TX39
SG3	Synthetic elastomer	light grey	2.00	65	-10	120	100	TX45
SG4	Synthetic elastomer	dark grey	4.20	50	-10	120	100	TX48
SG5	Synthetic elastomer	light grey	2.00	65	-10	120	100	TX51
SG6	Synthetic elastomer	light grey	2.00	65	-10	120	115	TX52
SG7	Synthetic elastomer	white	2.00	65	-10	120	115	TX55
SG7 gr	Synthetic elastomer	light grey	2.00	65	-10	120	115	TX58
SG7-H	Synthetic elastomer	amber	2.00	65	-10	120	115	TX59
SG7-L	Synthetic elastomer	white	1.70	65	-10	120	115	TX61
SG7-M	Synthetic elastomer	amber	1.90	50	-10	120	115	TX75
SG7-S	Synthetic elastomer	white	2.50	65	-10	120	115	TX63
SG8	Synthetic elastomer	beige	2.00	60	-10	120	100	TX168
SG8 HX	Synthetic elastomer	beige	2.50	50	-10	120	100	TX165
PV0	PVC	transparent	1.80	45	0	60	115	TX20
PV0 ve	PVC	green	1.80	45	0	60	115	TX27
PV5	PVC	transparent	2.30	45	0	60	100	TX28
PV5 ve	PVC	green	2.30	45	0	60	115	TX30
PV6	PVC	transparent	1.90	45	0	60	115	TX31
PV6 ve	PVC	green	1.90	45	0	60	115	TX72
PV7	PVC	transparent	1.90	45	0	60	115	TX35
PV7 ve	PVC	green	1.90	45	0	60	115	TX73
SI0	Silicone	white	1.10	50	-20	160	115	TX120
SI0-FG	Silicone	white	1.40	50	-50	200	115	TX67
SI0-S	Silicone	white	2.00	50	-20	160	115	TX104
SI1 az	Silicone	light blue	1.60	45	-20	150	115	TX156
SI2-FG	Silicone	transparent	1.50	50	-50	200	115	TX68
NP0/A	Neoprene	light grey	3.50	---	-40	70	70	TX94
FLO	Polyamide	green	2.40	---	-10	60	60	TX7

The data in this table were determined under normal environmental conditions and are subject to change without notice.

SG	Type of covering
0	Surface pattern
M	Special execution

TEXTILE CARCASS

Polyester fabric, except FLO (non-woven).

COVERING MATERIAL

FLO	Polyamide
NG	Natural elastomer
NP	Neoprene
PV	PVC
SG	Synthetic elastomer
SI	Silicone

TEXTURES

0	Smooth
1	Light fabric
2	Medium fabric
3	Heavy fabric
4	Grip face
5	Pimpled
6	Fine sandblast
7	Medium sandblast
8	Heavy sandblast

SPECIAL EXECUTIONS

D	High shore hardness
E	Foam synthetic elastomer
FG	Fiberglass textile carcass
H	High performance
HX	High performing carboxylic elastomer
L	Less rubber
M	Soft
S	Extra rubber

SELF-ADHESIVE

/A	Self-adhesive version can be supplied for any type upon request.

CHIORINO 1906

Passion for belting

Customer proximity for excellent & prompt service

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